List of Warehouses other than Jute licensed in 1898-99.

Ward No.	Serial No	Locality of Wareho	uses.	Name of License-hol	lders.	Description Warehous		nual ase fee
1	2	8 10 10 10 10 10 10 10 10 10 10 10 10 10		4		5		6
							Rs	. A. P.
1 ",	2 9	176-H-3, Upper Chitpur 177-H-1 ditto	Road.	Databalata Dan		Wood Do. Do.	12	0 0
"	5	161-H-18 ditto		Shaik Matiullah Shaik Sabeeruddi		Fire-wood	7 4 7	0 0 8 0 0 0
"	7	199-1 ditto		Kherodamoye Dasi Harrinarain Mullick		Hay and str. Ditto		8 0
"	9	CLUCO		Bidhu Bhusan Dutt		Ditto	17	0 ()
,,	10 11	199-1-2 ditto		Kedar Nath Ray		Ditto	21	8 0
"	12	The state of the s		Fahatna Maham C		Wood	., 13	0 0
,,	13	82-2-H-3 ditto		. Abinash Chunder Ghose		Timber Do.	17	0 0
"	15	96 ditto		Dam Ol	L	Wood	9	8 0
,,	16	129 ditto		. Romanath Nundy		Wood	3	8 0 0 0
"	17 18	137-H-5 ditto 138-H-2 ditto		. Rambramha Dey		Timber	9	8 0
1)	19	46, Canal West Road		Namondra Natl Catt		Fire wood	7	8 0
"	20 21	46 ditto		Alikjaun Mondul		Ditto	6	8 0
,,	22	43-2-1 ditto		Describe Note 35 - 1		Ditto	14	8 0
"	23 24	43-3 ditto		. Panchcowri Biswas		Ditto	15	8 0
"	25	37-H-3 ditto		M. Linda Not 1 M.	η	Ditto	6	0 0
,,	26 27	22-H-2-I, Gailiffe Street		Kshetter Nath Mitter		Ditto	2	8 0
"	28	22-H-3 ditto 22-H-4 ditto		Gobindo Chunder Das Kedar Nath Ghose		Ditto .	. 9	0 0
,,	29	23 ditto		Khanto Bewah		Ditto	1	0 0
"	30 31	114, Grey Street 15-H-27-1, Ooltadanga R	ond	Shaik Omeeruddy	• . •	Ditto	. 4	8 0
2	32	161, Ahcereetola Street	oau	Gonopati Roy Kalipodo Mitter	***	Wood		0 0
"	33		ircar's	Womeeruddy		Do	F	8 0
,,	35	243-H-14, Upper Chitpur	Road	Lal Chand Sitanath Mukerji		Do.	10	0 0
,	36	243-H-20 ditto		Mutty Lal Roy		Do.	10	0 0
;	38	262-H-2 ditto 335 ditto	***	Gopee Nath Chatterji Shaik Bosodally	•••	Timber Fire-wood		0 0
1	39 40	222 ditto	•••	Gonesh Chunder Boduck		Hay	6	0 0 8 0
1	41	243 ditto	***	Nilmoney Das Baney Madhub Mukerji	•••	Wood	7	0 0
	42	33, Kasi Mitter's Ghat St33, Sova Bazar Street	reet	Dwarka Nath Sircar and A Chunder Chuckerbutty.	dhur	Fire-wood	-	8 0
	44	58 ditto	• • • • • • • • • • • • • • • • • • • •	Foolchand Shaik Dilloo	•••	Ditto		0 0
	45	3-H-2, Brindabun Bose's L	ane	Roma Nath Nundy		Timber	10	0 0
	47	139, Upper Chitpur Road 140-H-1 ditto		Shaik Aseeruddy Busseeruddy		Fire-Wood Ditto	_	8 0
	48	140-H-1 ditto		Shaikh Abbas		Ditto	8 (
	50	73, Cornwallis Street 74 ditto	•	Rambrahma Dey Soshi Bhusan Sircar	•••	Timber Teak-wood	11 (
	51	79-3-1 ditto		Messrs. Ashutosh Banerj	ee &	Wood	8 8	
	52 53	148 ditto 2)-H-1, Canal West Road	:::	Co. Ram Chunder Mohinder Jadu Nath Chuckerbutty	and	Do Fire-wood	11 0	
1	54	20 ditto		others. Janky Das		Ditto	0 0	
	55	21 ditto	***	Chunder Kanto Bose		Ditto :	3 8	7 75 7 7 7 7
		29-H-1, Grey Street	***	J. C. Bose & Co		Wood	15 8	0
	200124312	163-H-9, Musjeedbaree Str 86-H-1, Ultadinghee Road		Shaik Jokoo Prannath Hazrah		Do Fire-wood	6 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		86-H-2 ditto		Moocheeram Ghose		Ditto	7 0	0
1		17-H-1, Canal West Road 17-H-3 ditto		Ainsooddee Mullick and oth Budruddin Sirdar		Ditto Ditto	21 0 7 0	
	62	17-H-6 ditto	***	Shaik Nundo		Ditto	9 8	the second second
	000	17-17 ditto 17-H-35 ditto		Harilal Bhar Kalikomul Bhattacharji	•••	Ditto	6 0	1 100
	65	17-H-36 ditto		Serajuddy Mirdya	***	Ditto	6 0 5 8	1 100 7 100 100 100 100 100 100 100 100
		17-H-49 ditto		Grish Chunder Haldar		Ditto	10 0	0
8		18-H-4 ditto 19-4 ditto		Kristo Chunder Das Abinash Chunder Sen		Ditto Ditto	9 0	
100	69	19-H-3 ditto		Bhupendra Nath Raha		Ditto	9 0	0
	50260 FEB. S.	9-H-2 ditto	0111	Raichurn Dey Raichurn Ghose and others		Ditto	5 0 6 8	0
		unito		The state of the s	***	Pitto	0 0	

Ward No.	Serial No.		y of Ware	houses.	Name of License-hol	ders.		iption of		nnual nse fe
	Se	24003							""	asc 16
1	2	C SEEDE (PS)	3		4	Late State of	6	100	6	
4	7	2 19-4, Canal	West Ros	ad	Sitanath Raha		Fire-w	hoo	R	A C
,,	7	3 19-H-9	ditto	***	Ram Chunder Das		Tites		6	
"	7	4 19-H-8 5 19-1	ditto ditto	::	Patial Ohandan Van		Ditto		5	8 (
,,	7		ditto		Sitanath Raha		Ditto		4	8 (
,	78		ditto		Ram Churn Das Raichurn Ghose		Wood Fire-we	boo	6 9	8 (
,,	79		ditto		Dabendra Nath Ker		Ditto	!	4	8 (
"	81			Street	Poorna Chunder Dey & C Mofizuddy Mullick		Timber Do.	•••	11	0 (
,	82	4	ditto		Gongaram Maity	:::	Fire-wo	ood	4 2	8 (
,,	88		ditto		Khodabux		Ditto		8	0 (
,	86		ditto		Someeruddin Sircar Khursad Fakeer Mahome	a	Ditto Ditto		8 3	0 (
,	86	3-H-89	ditto		Azahurally	a	Ditto		3	8 (
,	87	1	ditto		Gopal Chunder Daw	•••	Ditto		5	0 0
'	88				Gagun Chunder Naik Doorga Churn Dey		Ditto Ditto		9	0 0
	90	258-16, Upp	er Circular		Kinkara Chunder Pal		Timber		11	0 0
1	91		ditto	•••	Chandi Churn Bose		Teak-w		4	0 0
	92 93	31-1, Burtols 357 Upper C		id	Shamsuddy Mullick Moti Tanti		Ditto Fire-wo	od	8	0 0
	94	357	ditto		Khudu Tanti	•••	Ditto	oa	3	8 0
1	95 96	22, Durpona 15, Durmaha			Adum Khan		Ditto		8	0 0
1	97	22	ditto		Lamino Mallial		Ditto Ditto		7 7	0 0
1	98	38	ditto		Shaik Ahmedally		Ditto	:::	4	8 0
	99	Durmahatta		63-H-1,	Issur Chunder Mukerji		Wood		72	0 0
1	100	64-H-3	ditto		Tribinash Chunder Mitter ing on business under the	carry-	Do.		62	8 0
	101	64-H-1	ditto		of Ramgopal Mitter and a Ramkristo and Ram M	ons.	Do.		21	0 0
	102	64-H-1-2	ditto		Shaw carrying on busine the name of Hurry Nath S Poorna Chunder Cowar	Shaw.	Do.		40	0 0
	103	64-H-2	ditto		others. The Oriental Trading Co.	and	Do.	***	18	0 0
1	104 105	65-H-6-1 65-H-6-2	ditto ditto		Hiralal Sircar		Do.			0 0
1	106	65-1-H-4-1	ditto		Koylas Chunder Biswas Radha Churn Pal		Do. Do.			8 0 0
	107	65-1-H-5-1	ditto		Ramdas and Ramkanve De	у	Do.			8 0
2	108	65-1-H-6 and mahatta Stre		7, Dur-	Ram Chunder Chatterji others.	and	Do.		26	0 0
	109	65-1-H-8	ditto		Ditto ditto		Do.		8	0 0
1000	110	65-1-H-10	ditto		Nerodemohun Roy		Do.		4	0 0
	111	65-1-H-11 65-1-H-12	ditto ditto		Ditto Gopal Chunder Sickdar		Do.			8 0
	113	65-1-H-13	ditto		Ditto		Do.	100000000000000000000000000000000000000		0 0
	114	65-1-H-15	ditto		Hiralal Sircar		Do.			8 0
	115	65-1-H-14-1 65-1-H-14	ditto		Ramgopal Sickdar alias G Chunder Sickdar. Radha Churn Pal	opal	Do.			0 0
	117	65-1-H-15-1	ditto		Amrito Lal Ghose		Do.		Chief Chatt	0 0
	118	65-1-H-16	ditto	2.3	Ram Chunder Chatterji others.	and	Do.			3 0
	119	65-1-H-17 65-1-H-18	ditto		Shama Churn Sirkel		Do.		8 (
	21	65-1-H-19-1 Durmahatta		H-19-1,	Ramdas and Ramkanye Dey Koylas Chunder Biswas	:::	Do. Do.	:::		8 0
		65-1-H-20	ditto]	Kali Churn Shaw and others		Do.		10 0	0
1	123	65-1-H-21	ditto	1	Dinobundhoo Shaw and ot carrying on business under style of Kalachand Shaw.	hers	Do.	COLUMN TOWNS TO SERVICE	10 (LT 1 19 TO 10 TO 1
		65-1-H-3-1	ditto		Ditto ditto		Do.		8 (0
1	25	65-1-H-3-2	ditto	6	Chunden and Ram Chun	nder	Do.		4 8	
1	26	65-1-H-3-3	ditto	B	Chunder. Ramdas and Ramkanye Dey		Do.		3 8	
		65-1-H-32	ditto	В	ussick Lal Nundy		Do.		3 8	
		65-1-H-34 65-1-H-35	ditto ditto	B	Radha Churn Pal Cali Churn Shaw and Hu	0.455333	Do. Do.	•••	5 0	0
1	30	65-H-1,	ditto	*152 Pro 1 So	Nath Shaw. hakurdas & Bhootnath Ber	1000				
1	31	64-H-4	ditto	. 1	alachand Shaw and others	a	Do. Do.		5 0	
		65-1-H-36 65-1-H-36-1	ditto	B	lussick Lal Nundy		Do.		6 0	0
	34	65-1-H-37	ditto	G	lurry Nath Shaw irish Chunder Bose and I	Ram	Do. Do.		7 0 9 8	
7	35	35-1-H-38 /	3:44		Chunder Chunder.		20.		0 8	0
1	00	0-1-11-38	ditto		Ditto		Do,		5 0	0

W. L. W.	Ward No.	Locality of Warehouses.	Name of License-holders	Description of Warehouse.	Annual license fee
1		3	4	5	6
	5 15	65-1-H-4 Durmahatta Street	Ram Chunder Chatterji and	Wood	Rs. A. P.
STATE OF	40	mahatta Street.	- Gopal Chunder Sickdar	Do	
,			Grish Chunder Bose and Aviram Sett. G. C. Bose and Rai Churn Bis-	Do	
,	14	ditto	G. C. Bose and Harish Ch.	Do	9 8 0
"	14	2 65-1-H-45 ditto	77 77 77		13 8 0
"	14	66-H-1 ditto	Bose. Biswas and G. C.	Do	10 8 0 13 0 0
"	145		G. C. Bose and Rhedoynath Biswas. Grish Chuder Bose and Poorna	Do	26 0 0 14 0 0
"	146 147 148	68-H-1 ditto ditto ditto	Chunder Biswas. Hurry Nath Shaw and another Ditto ditto Girish Chunder Bose and Su-	Do Do	25 0 0 17 8 0 18 0 0
"	149 150 151	69 ditto 182-H-2 & 183-H 1 Durmahatta Street. 186-H-1 Durmahatta Street	dhansu Mohun Mukhopadhya Grish Chunder Bose Grish Chunder Bose and others	Do	48 0 0 31 8 0
"	152	184-H-1-1 ditto	G. C. Bose and Rhedoynath Biswas. Grish Chunder Bose	Do	23 8 0
"	153 154 155	187-H-1-2 ditto 187-H-2 ditto 187-H-5 ditto	Ganendra Marain Dey Amrito Lal Ghose G. C. Bose and Harish Ch. Mitter.	Do Do Do	6 0 0 17 8 0 24 0 0 48 8 0
"	156 157 158	186-H-2 and 187-H-1 Durmaha- tta Street.	Gr. C. Bose and Aviram Sett Grish Chunder Bose and Sudhansu Mohun Mookerjea.	Do Do	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
"	169 160	uitto	Sashee Bhusun Nundy Grish Chunder Bose, Hurrish Chunder Mitter and Kedar Nath Bose.	Do	$\begin{array}{cccc} 14 & 8 & 0 \\ 27 & 8 & 0 \end{array}$
"	161	107 11 10 7	Sreeram Chunder Ghosal Ramdas Gangooly	Do	37 8 0
13 23 17 21 21	163 164 165 166 167	187-H-12-1 ditto 187-H-13 ditto 1 187-11-15 ditto 1 187-H-16-2 ditto 1	The Oriental Trading Co., Ld Upendra Nath Cowar Ditto Shamapada Chatterji Dinobundhu Shaw and brothers	Do Do Do Do Do	38 8 0 37 8 0 14 0 0 22 8 0 33 8 0 84 8 0
"	168 169	187-H-16, Durmahatta Street 65-1-H-33 ditto 6	carrying on business under the style of Kala Chand Shaw. Kedar Nath Banerji and Co Grish Chunder Bose and Aviram	Do	27 0 0 7 8 0
" "	170 171 172 173 174	15, Jora Bagan Street A 15 ditto T 16 ditto S 16 ditto S 16 ditto S 25-H-7 & 25-H-8, Jora Bagan R Street.	haik Sastoo haik Janabally	Ditto Ditto Ditto Ditto Vood	4 8 0 4 8 0 5 0 0 2 8 0 22 8 0
"	175	Street.	amgopal Sickdar and Gopal Ch. Sickdar	Do	4 8 0
"	177 178 179 180 181 182 183 184	Atto 1	struddy taik Sirmahomed dessrs, Mullick and Co. why Golaproy rish Chunder Bose and others Ditto emraj Murlidhur Bagla ai Bhugwandas Bagla Bahadur	Do 1: Do 1: Do 1: Do 1: Do 1:	3 8 0 5 0 0 5 8 0 52 0 0 22 0 0 13 8 0 16 8 8 0 18 8 0
	186 187 188 189	67-H-24 ditto M 67-H-24 ditto M 67-18 ditto Gr 57-H-16 ditto Rr	egraj Khemka] emraj Murlidhar Bagla] anendra Narain Dey] am Singh Punjabee]	Do 100.	00 0 0 81 8 0 45 0 0 22 8 0 4 8 0

wara Mo.	Serial No.	Locality of Warehouses.	Name of license-holders.	Description of Warehouse.	Annual license fee
1	2	3	4	5	6
5	191	67-16, 67-17 (67-17-H-2) and	Bhickraj Sagormull	Wood	Rs. A. F
•		67-18, Strand Road.			
6	192 193	85-H-6, Upper Chitpur Road	Bejoy Gopal Singha Subadar Ahmed	Timber of	49 8 7 8
"	194	133-a. Maniktala Street	Saroda Churn Porial	Straw	5 8
,,	195	24-H-51, Kaja Rajendro Mul-	Tincowrie Sen	Fire-wood	7 0
7	196	lik's Street. 20, Armenian Street	Someeruddy	Ditto	6 0
,,	197	58, Clive Street	Lahoory	Ditto	9 0
,,	198 199	14, Roopchand Roy's Street 225, Bow Bazar Street	Shaik Bosiruddy Grish Chunder Mondul	Ditto Timber	4 8 31 8
8	200	236 ditto	Nundo Lal Cowar	Do	17 8
,,	201	5, Dharrumtolla Lane	Ainuddy Boistub Churn Dey	Fire-wood Timber	8 0 12 8
9	202 203	151. Amherst Street	Rajbullubh Chatterji	Do	12 8 76 0
,	204	3-H ditto	Mosdin Goldar	Do	4 8
,	205 206	137-H-2 ditto	Dibakur Chuckerbutty and Co. Rajbullubh Chatterji	Teak-wood Timber	16 8 10 0
,	207	167-H-1, Bow Bazar Street	Ashutosh Roy	Wood	11 8
,	208 209	167-H-5 ditto	Umesh Chunder Chunder Naffar Chunder Kolay	Timber	23 U 17 O
,	210	199-H-1 ditto	Judu Nath Chatterji	De	27 8
,	211	207-H-1 ditto	Tariney Churn Singha carrying		22 8
			on business in the name of Mohesh Chunder Singha.		
,	212	172 ditto	Kally Churn Dutt	Do	7 0
,	213 214	170 ditto 137, Belliaghatta Road	Cara and Character Managel	D _a	21 8 14 0
,	215	141-1 ditto	P. P. Mukherjee and Co	Do	14 0
,	216	7 & 4, Upper Circular Road	Kedar Nath Ghose	Do	24 8
,	217 218	7 & 8 ditto 36 ditto	Dino Mistri	Do. Straw	18 0
,	219	1, Canal West Road	Shama Churn Sen	Wood	7 8
,	$\frac{220}{221}$	2 ditto	Gogun Chunder Dey Ofazuddy Khansama	Do	9 0 5 0
,	222	14, Gas Street	Oriental Gas Company, Ld	Gas	Nil
,	223 224	2, Harrison Road 30, 31 and 33, Machooa Bazar Street.	Grish Chunder Bose Fazloo Rahaman	Wood Straw, etc	27 0 5 8
,	225	27-H-1, Mirzapur Street	Russick Lal Chatterji	Timber	32 0
,	226 227	28-H-1 ditto 28-1 ditto	Kshetter Chunder Banerji Brojolal Addy	Do Teak-wood	40 8 19 8
,	228	28-H-3 ditto	Goyaram Chowdhry	Ditto	.37 0
,	229 230	29-H-5 ditto	Harisatyum Mitter Shama Churn Hazra and Co	Ditto	18 0
,	231	29-H-7 ditto	Jogendro Nath Shaw	Ditta	23 0 15 0
,	282	31-H-2 ditto	Baikanto Nath Chuckerbutty	Ditto	15 8
,	233 234	31-H-20 ditto 63-H-1 ditto	Radhabullubh Chatterji Kalipada Mukherji	Da	11 0 20 0
,	235	63 H-8 ditto	Russomoy Gangooly	Do	14 8
	236	63-H 5 ditto 63-H 2 ditto	Ashutosh Chatterji and others Nundo Lal Mullick	Do	19 0
,	238	63-H-6 ditto	Kally Churn Mookerjee	Timber	20 8 21 8
,	239	1 & 2, Old Boytokkhana Bazar Road.	Kedar Nath Ghose	Do	18 0
,	240	3, 4, 8, 9 and 10, Old Boytok- khana Bazar Road.	Sreekanto Bhattacharji	Do	20 8
,	241	5-H-1, Old Boytokkhana Bazar Road.	Ditto	Do Wood	9 0
,	243	168-H-1 ditto	Ditto	Timber	10 8 24 0
;	244 245	2, Ramkanto Mistri's Lane 5, 6, 10, 11, 12 and 13, Imambarec Lane.	Rhishikesh Chatterji C. Lazarus and Co.	Do	9 0 60 0
,	246	36, imambaree Lane	Shaikh Rohomut	Fire-wood	7 0
i	247 248	71, Mulonga Lane 121-H-1, Bow Bazar Street	Ajem Ojah Kalidas Sircar carrying on business in the name of Pitamber	Timber	9 0 24 0
	249	129 ditto	Sircar.		22 8
,	250	32-H-1 ditto	Sircar, Banerice and Co.		22 8 23 8
	251 253	126-H ditto	Nilmoney Chakee	Wood	14. 8
2	254	7, Mangos Lane 7, Strand Read, South	Akhat Chinaman Messrs. Ahmuty and Co		27 0 121 8
,	255	40, Bentinck Street	Messrs. Mackintosh, Burn & Co.	Tar & varnish Timber	60 0
3	257	3-H-12-1, Free School Street 72, ditto	Nasiruddy	Straw and hay	9 8
	25%	*72, ditto	Shaikh Dewanally	**************************************	11 8
,,	259	3-H-7, Grant Street	Mohendra Nath Roy	Straw	18 0

Ward N	Serial No.	Locality	of Warehous	ses.	Name of License-holder	rs.	Descrip Wareh	tion of ouse.	An licen	nual se fee	
1	2		3		4		5		6		
						•					
13	260 261	3-H-1-1, 3-H-2 and 3-	Grant Stre		. Akhoy Ghose and others			nd hay	Rs.	8 (
,,	262	3-H-5,	ditto		Samroo Sham		Ditt	0	69		
,,	263	3-H-6,	ditto		. Dhonraj Shaw	•••	Ditt	o	31	8 (
,,	264 265	33-H-2, Ja 133-H-8,	aun Bazar Str	reet	. Becharam Fal	***	Wood Ditt		27 16	8 (
"	266	134-H-31,	ditto		. Rajibally		Do.	***	9	0	
"	267	134-H-45.	ditto		Cohondl	***	Hay		21	0	
17	268	134-1-H-29,	ditto		Rutton Shaw	• • • •	Do.		19	0	
"	269	133-1-H-52,	ditto		. Bhujoo Shaw	***	Straw Hay	•••	18 38	8	
*,	270 271	122-1,	ditto		Amullyadhan Pal & Co.		Wood		9	0	
"	272	34,	ditto ditto		Chamun Khan	•••	Fire wo	bo	6	ŏ	
14	273	93, Lower Ci	reular Road		Akhar Golden	***	Timber		12	8	
,,	274	13, Munshi	Dedarbux La	ne	Sherally Khan	••••	Wood Fire-woo		10	8	
"	275 276	99, Ripon St			Shaik Tareef		Straw		6 9	0	
"	277	106, ditto		**	Poorna Shaw		Fire-woo	d	3	8	
"	278	80, Wellesley	Street		Tincownia Dutt	•••	Ditto	•••	.3	8	
15	279	48, McLeod 8	Street		Shails Konoman	•••	Timber Fire wee	, ···	35	9	
"	280	6, Ripon Str	eet		Ugrin Shaw	•	Fire-woo		3	8	
17	·281 282	6, ditto 8, Loudon St	reat		Titar Shaw and others		Ditto		3	8	
19	283	10, Anandago	pal Palit's	Lan	Peary Lal Shaw Jadub Chunder Rakshit	***	Straw an	d hay	3	8	
,,	284	17-1 & 18	ditto		Notober D	***	Ditto		6	8	
"	285	2-1-H-1, Belli	iaghatta Road	d	Roma Nath Sikdar	••••	Ditto Ditto		9	8	
**	286	2-1-H-2,	ditto	**	Kripasindhu Adhikari and of	thers	Ditto		4	8	
					carrying on business as	Jugo					
,,	287	2 Belliaghatta	Road		Mohun Biswas. Sham Pandah		Torre	- 1			
,,	288	2-1-H-28	litto	***	Dwarka Nath Sikdar	••••	Ditto Ditto		1	8 (
"	289	2-1-H-5	litto		Rajendra Nath Dutt	:	Ditto		0	0 0	
"	290	2-1-H-7 & 2 1. Road.	H 8, Belliag	hatta	Dinonath Dev & Ramchur	nder	Ditto		4	0 0	
,,	291	2-1-H-9-1, Bel	liaghatta Ros	a	Dey. Shaik Mahomedaliy						
,,	292	2-1-H-9 d	litto		Abdool Sobhan	•••	Ditto	•••	1	8 0	
,,	293	2-1-H-12 d	litto		Goomany Goledar	***	Ditto Ditto		1	8 0	
,	294	2-1-H-14 d	litto	. 200	Ramchunder Chuckerbutty	***	Ditto		0	0 0	
"	200	3-15, 3-16 & Road.	5-17, Belliag	ghata	Kanye Nuskar		Ditto		4	8 0	
,	296	2-1-H-6, Bellia	aghatta Road		Raghoo Nath Nack		T):44-				
,,	297	3-19 d	itto		Hari Ojah		Ditto Ditto	***	1	8 0	
,	298 299		itto	•••	Ditto		Ditto	***	î	8 0	
,			itto	***	Khodabux Mollah Essuf Meah		Ditto			8 0	
,			itto	***	Raghoonath Nack and Bissu		Ditto			8 ()	
0				•••	bhur Maity.	ım-	Ditto	•••	1	8 0	
			itto		Essuf Meah		Ditto		1	8 0	
,			itto itto		Khodabux Mollah		Ditto -			8 0	
,	204	2-1-11-20 d	ILLO	***	Dinonath Dey and Ramchune Dey.	der	Ditto		1	0 0	
,	305	2-1-H-24 di	itto		Ditto	- 1	Ditto				
			itto		Dursatullah		Ditto			0 0	
			itto	•••	Saboor Mullick		Ditto	790 6		0 0	
		0 - YY	itto	•••	Rasoonally Dwarka Nath Sickdar		Ditto	***	1 8	8 0	
!			itto		Ditto		Ditto	•••		0 0	
	311	2-1-H-29 di	itto		Ramnath Sickdar		Ditto	:::		0 0 8 0	
			tto		Kedar Nath Biswas		Ditto		1 (
202			itto	***	Bonomally Pandah		Ditto		1 8	8 0	
			tto		Kedar Nath Bigway	•••	Ditto	***	1 8		
3.5			tto		Dinonath Dey and Ramchund	ler	Ditto Ditto	•••	1 8		
				1	Dey.	-	27110	***	2 (0 (
COST. 92 C	CO. C.		tto	***	Mathura Nath Sickdar		Ditto		1 0	0	
Si Leve	1200	2-1-H-38 di 3-13 dit	tto		Rajbullub Mohapatro Dinonath Dey & Ramchund		Ditto		1 0	0	
		un		***	Dev.		Ditto		0 8	0	
	320	-H-1, Canal Sc	outh Road	1000	Radhakristo Chuckerbutty as	nd	Ditto		15 8	8 0	
0.03 (0.00%)			itto		Ramchunder Gun	F	ire-wood		8 0	0 (
	322	3-H-1, di	itto		Juggessur Dey and Goburdhy	un	Ditto		21 0		
1.	200	1-H, di	itto	0.20	Pal, Gomasta Ramsudhir Ram		Divi				
VIII (2355)	BERTALDS (1) 0000	The state of the s	itto		Cashiblarea Day	C C C D C C C C	Ditto		7 0	11 11 14 15 TO 15 15 15 15 15 15 15 15 15 15 15 15 15	
And the Name of Street, or other teams of the Street, and the			itto		Ladah Chundan Chabas		Ditto Ditto	100000000000000000000000000000000000000	8 0	72.1-27.5	
	326 7	7-H-2, di	tto		Juggessur Pal		Ditto		8 0	- 10 COMM	
	327 8	3-H-1, di	itto		Mahima Chrim Dar		Ditto .		20 8		

Ward No.	Serial No.	Locality of Warehouses.		Name of License-holders.		Description of Warehouse.	Annual license fee
1	2	3		4	4	5	6
20	200	OHAG IS IN I		Maria di D		Lis Smaneth Line	Rs. A. P.
19	328		***	Mohima Churn Dey Nasir Goledar and others	•••	Fire-wood Ditto	13 8 0 13 0 0
**	33			Demonder Nott Disease	•••	Ditto	13 0 0
22	331			Na	:	Ditto	3 8 0
"	332			Daning de Comples		Ditto	9 0 0
**	333					Ditto	18 0 0
>1	334		•••	Khitish Chunder Sircar	••	Ditto	15 0 0
91	335		•••	Bissessur Roy Boikanto Nath Coondoo	•••	Ditto	7 0 0
91	337			Notoo Aheer	•••	Ditto	22 8 0 2 8 0
**	338			Umachurn Dalal		Ditto	8 8 0
,,,	339	21-H-2, ditto		Satish Chunder Biswas and oth	hers	Ditto	2 8 0
,,,	340			Ditto		Ditto	10 0 0
,	341		•••	Dwarkanath Biswas Ditto		Ditto	7 0 0
,,,	343		***	Hem Chunder Ghose		Ditto	3 0 0 4 8 0
"	344	,		Raghoo Nandan Shaw		Straw and hay	3 8 0
"	345	8, Gooreepara Road		Law, Ghose & Co		Timber	18 0 0
29	346		•••	Adhur Chunder Sircar		Fire-wood	15 8 0
,,,	347 348	142-H-24, Lower Circular Ro		Ditto Ditto	***	Ditto	8 0 0
"	349		:::	Ram Chunder Paul		Ditto Wood, &c	8 0 0 15 0 0
"	350	,		Abbas Ally		Ditto	15 0 0
,,	351	47, Middle Road, Entally		Nobokrishto Naug		Timber	9 0 0
,,	352	68-1, South Road, do.	•••	Amulya Chunder Khan		Teak-wood	15 0 0
"	353 354	68, ditto	•••	Avinash Chunder Das		Timber	13 8 0
"	355	10 ditto	•••	Poorna Chunder Dey and Co. K. C. Das and Brothers		Ditto	9 0 0 8 8 0
20	356	2, Jaunnogore Road		Ramahundan Makindan		Teak-wood	6 0 0
,,	357	2-H-3 ditto		Babujaun Goledar		Straw	6 0 0
,,	358	21-22, Tiljulla Butcher-kha	na	Homutaller		Tallow	3 8 0
01	359	Road. 12, Chuckerbere Lane	. 1	Umachurn Bose		D-	
21	260	930 T (11 T T T		Morahun Goloden		Do	5 8 0 9 0 0
"	361	47 Viimma David		Kadirbux Goledar		Fire-wood	5 0 0
"	362	136, Russa Road, South		Harish Chunder Ghose		Timber	8 0 0
"	363	78, Tollygunge Road		Pootee Bewah		Straw	3 8 0
,,,	364 365	73, ditto	•••	Calinda Olanda D		Do	2 8 0
"	366	74 ditto		Brajonath Das and Gobine	do	Fire-wood	3 8 0 4 8 0
"				Chunder Banerji.	uo	D1110	4 0 0
,,	367	75, ditto		Audhur Chunder Sett		Straw	1 8 0
"	368 369	76, ditto		Brojonath Bose		Do	3 8 0
99	370	21 ditto	•••	Shibchunder Bose Sita Nath Chuckerbutty	•••	Do	3 8 0
59	371	75 ditto		Audhur Chunder Set and other	PQ	Wood, &c	3 8 0 4 8 0
22	372	76, Bacool Bagan Road		Kadan Nath Date		Timber	3 8 0
,,	373	4-H-1, Chawlputty Road		Dinonath Paul		Straw	7 0 0
99	374	5-H-2, ditto		Mutty Lal Laha		Do	6 8 0
99	919	7, ditto		Kally Churn Dey and Kami Dasi.	nı	Do	5 8 0
,,	376	50, ditto		Sochi Bhuenn Dutt		Do	4 8 0
22	377	53-H-1, ditto		Radhakanto Bhattacharii		Do	6 8 0
"	378	54-H-1, ditto	{	Ramratan Chuckerbutty .		Do	6 8 0
,,	379 380	13, ditto 21, Chuckerbere Road, South				Do	2 0 0
"	381	14 Haldownara Pond	- 1	Sitanath Show	0.58	Fire-wood	9 0 0
33	382	22 Kalighat Bood		Jotadharee Moonshee		Ditto Teak-wood	4 0 0
"	383	25-1 ditto		Promoth Nath Ghose		Timber	3 8 0
"	384	40 II # 3:44		Satish Chunden Comen		Fire-wood and	5 0 0
	385	OH I Fates The Co.	1			straw.	
"	386	OHA ditta		Bosiruddin Goledar Koylash Chunder Nundy	••	Fire-wood	5 8 0
"	587	ß ditto		Shaik Enactallah		Ditto	5 0 0 4 8 0
99	388	6-1, ditto .		Thakurdas Ghose		Straw	4 8 0 3 8 0
"	389	3-1, Mudon Pal's Lane .		Ram Chandra Nandi		Fire-wood	7 8 0
37	390	15 & 15 1 H) ditto		Budruddin Goledar		Ditto	3 8 0
"	392	21 ditto		Budruddin Golodon		Timber	10 8 0
"	393	36, ditto		Nehazuddy Golodon	1,98	Fire-wood Ditto	4 8 0
12	394	36-H-1, ditto .		Shaik Taleb Goledar		IN:44	4 8 0
5)	395	4, ditto		Banikanto Gangooly		Straw and hay	5 8 0
29	396	61-1, Russa Road, North		Tripandessur Mitter		Teak-wood	12 0 0
"	397	151, Russa Road, South 8, Sumbhoonath Pandit's Stree		Gossaindas Shaw	1	Fire-wood	7 0 0
100 000	399	1 U / Steed Deed		Protap Chander Dutt Shaik Haniff		Straw	2 8 0
		16-H-2, ditto		Andaitya Chum Maite		Fire-wood	6 0 0
200	STORES IN	The state of the s	188	Addatifa Churn Maily	100	otraw	6 8 0

	Ward No.	Serial No.	L	ocality o	f Wareh	ouses		Name of L	icense-hold	lers.	Descri War	iption of	lice	nnt	ual o-fee
	1	2			3				4			5	6		
	, 4 , 4 , 4 , 4 , 4	10 11 12 13 14 15 46 47 7 8 7 9 2 0 1 1 1	109, Ta 109, 110, 124, 2-H-33, 14, Chet 14, 56, , Chetl 11-8, Go	ditte ditte ditte ditte ditte ditte ditte ditte ditto ditto ditto ditto ditto ditto ditto ditto ditto ditto ditto ditto ditto ditto ditte dite di	Road Road Road Road	,	***	Judhistir Mondaudhur Chunde Kalachand Cow Goyaram Mond Mohendro Chun Bissessur Chatt Borodakanto Sir Keramutoolla an Shamakally Dab Krishna Chunde Tulseemunjari D Sagore Dhara Balaki Shaw Koylas Mirdya a Okil Chunder Chunder Chunder Chunder Chunder Chunder Kanto I Baburam Dutt Chunder Kanto I Hari Churn Shaw Sreenath Chunde	lul er Shaw ar ul der Dutt erji exar id another ir Banerjee abi and anothe nuckerbutt Dey Bose	 y	Straw Do. Timbe Straw Do.	ood and		SS. 44 SS 64	
25	42 42 42	4 7	2, Moye 44, Cir	erpur Recular	oad Garden	Read	ch	Amrito Lal Dhare Kedar Nath Pal Ambika Churn D Ashadullah Goleo	lev	:::	Ditto Ditto Straw Timber	:::	2 2 4	_	0
31 33 33	426 426 428	88	9-1-H-5 9-H-3, 8	 dit 	90-H-2 Road.		a- I	Dinonath Banerji Proylockho Nath Kali Churn Pal an Kally Prosanno S	d others	:::	Wood Do. Do.	:::	12 9 18	0 0 0	0
25	430 431	90)-1-H-2, -1-H-3,	ditt	-	••	. B	on business under Raj Chunder Sirca Radhanath Ghose udhur Chunder	r the style	of	Do.		7	8	0
"	432 433 434	1.5	2, Mun	shigunge ditto ditto	Road	::	. O	other. Imed Khan inuddy Imasundari and K		1	Do. Do. Do.		7 9 9	8	0 0 0 0
1) 1) 2) 3) 3) 3) 3) 4)	435 436 437 438 439 440 441 442 443	4-6 4-8 6-1 6-5 9-1 12- 12- 27, 33,	8, 8, 5, 6,	ditto ditto ditto ditto ditto ditto ditto ditto ditto			B G N D K H H Al	Dasi. erode Kumar Ban hoobun Mohun M oluck Nath Mittel abokumar Haldar hannu Mullick edar Nath Chattel em Chunder Chat aromoni Bewah kshoy Kumar Sen business in the nan Lal Sen.	nerji londul r rji tapadhya	S S F	Do. Do. Do. traw Vood ire-wood traw Vood & st		9 26 11 9 6 12 9	8 (0
" " " " " " " " " " " " " " " " " " "	444 445 446 447 448 449	33-35-36, 36, 33, 32,		ditto ditto ditto ditto ditto puker St	reet	:::	Jan Mu Un Ha Kh	bindo Chunder D nokee Nath Shaw undar Shaw nesh Chunder Bar uri Mohun Guha uerode Gopal Modo.	nerji	W	Ditto raw ood raw Do. mber		9 0 9 0 6 0 4 8 4 8	0 0 0	
"	450 451 452	86, 36, 28-1	Ramcor	ditto nul Mul ditto	ærji's St	reet	Tro	oylockho Nath Ro mdoyal Sircar rain Chunder Sea	, ,	1	00. 00. 00.		3 8 3 0 9 8	0	
				List	of Jute	Was	reho	uses licensed in	1898-99.			÷ 17			
1	1	Ro	ad and	2 and 2-2	er Chit	pur	Mes	ssrs. Finlay, Muir	and Co	. Jut	e	Rs	. <u>A</u> .	P.,	
"	2	Bos 202-1	se's Str 1, Uppe	eet.	ar Road a	and	Am	bika Churn Mitte	r' .	Do		136	0	0	
"	4	206, 1, Cl	Upper ditpur I	Chitpur Bridge R West Ro	ond	17	Mess	ye Lal Khan srs. George, Hende ish Chunder, Dutt	rson and Co	Do. Do.		97 105 36	8 0 0	0	

	ward INO.	Serial No.	Locality of Warehouses.		Name of License-holders.	Description Warehouse		Ann		
1	1	2	3		. 4	5		8	6	
7 89 2, ditto		6	39-1. Canal West Road		Soorjee Kumar and Gooroo	Jute		Rs,	A. 0	
9 5, Doorga Churn Mukerji's Street 10 6 ditto 11 7, ditto 11 7, ditto 12 42 and 43, ditto 15 10 11 17, ditto 15 14 14 14 14 14 15 15	,	7	89 2, ditto	0.0	Hurrish Chunder Dutt	T)		90 45		
10 6, ditto		9	5, Doorga Churn Mukerji's St	reet	Jugalkishore Agurwalla	7		103	8	
12 42 and 43, ditto			0,	10.00	Doyal Chand Shaw		10016	60 27	8	
13	- 1			1 1 1 1 1 1 1 1	Dinobondhoo and Pranbondhoo		5000	324		
14	.	13	41 and 41-1. ditto		Ditto ditto	The second secon		90		
16	,	14	7, Dhuniabagan Lane 5-1, Gopaul Chunder Newgeo		Hyrish Chunder Bissonath Shaw Sarodaprosad Mukerji	T)	9.344	33 18	8	
17		16			Ditto	Do.		18	0	
19	- 1		12, Gailiffe Street	19.00	Nilmadhub Sickdar and Jadub Chunder Sickdar.	5 No. 6 19 "	10.3	36		
10	2				Thansingh Karumchand		40.3	90	0	
20	- 1						200	135 225	0	
22 172, ditto	- 1				Brojohary and Poorna Chunder Dey Chowdry and Satish Chunder Pal Chowdry and	Do.		102	8	
23 29 30, Bonomally Sirear's Street 24 9 ditto Do. 24 24 9 ditto Do. 25 247-48, Upper Chitpur Road 26 77, Durmahata Street Ditto Do. 28 87 to 87-53, ditto Ditto Ditto Do. 29 135, ditto Ditto Do. 30 134, ditto Kanye Lai Khan Do. 31 138-39, ditto Momohini Dasi Do. 32 140-7 to 140-14, ditto Momohini Dasi Do. 33 143 and 143-1, ditto The Secretary to the Port Commissioners Mathora Mohun Nundy Do. 36 81, ditto Messrs. George, Henderson and Co. 37 1, Gailiffe Street Messrs. George, Henderson and Co. 40 24, ditto Mullick's Street. 41 4, Haro Chunder Mullick's Street. 42 5, ditto Makundascondari Dasi Do. 43 6, ditto Makundascondari Dasi Do. 44 7 and 7-1, ditto Dogendro Nath Chackerbutty Do. 45 9, ditto Brojolal Roy and Benodelal Roy Aughore Nath Mozoomdar Do. 45 10, ditto Brojolal Roy and Benodelal Roy Aughore Nath Mozoomdar Do. 55 23, ditto Maranda have and others Do. 56 19, ditto Millick's Goorgodas Goondoo Chowdry Do. 56 19, ditto Brojolal Roy, Nanda Lal Roy and others Do. 56 19, ditto Harendro Kumar Roy Chowdry Do. 56 19, ditto Radharamon Shaw Do. Do. 56 19, ditto Radharamon Shaw Do. Do. 56 23, ditto Radharamon Shaw Do. Do. 56 23, ditto Radharamon Shaw Do. Do. 57 14, ditto Brojolal Roy, Nanda Lal Roy and others Do. 56 19, ditto Radharamon Shaw Do. Do. 56 23, ditto Radharamon Shaw Do. Do. Do. 57 58 19, ditto Radharamon Shaw Do. Do. 58 19, ditto Radharamon Shaw Do. Do. Do. 57 14, ditto Radharamon Shaw Do. Do	,	22	172, ditto		Idol, Gopee Nath Jew, Sristee-	Do.		90	Ú	
24 9. ditto	,,	23	20, Bonomally Sirear's Street		Gooroo Churn Pal and others			31	8	
25	- 1		9, ditto		Poornanando Shaw			63	0	
27 76-2,80 and 80-1, ditto Ditto Do. 28 87 to 87-53, ditto Ditto Do. 29 135, ditto C.I.E. Chandilal Sinha, Sarup Roy and others. 30 134, ditto Monmohini Dasi Do. 31 138-39, ditto Monmohini Dasi Do. 32 140-7 to 140-14, ditto Monmohini Dasi Do. 33 143 and 143-1, ditto The Secretary to the Port Commissioners. 35 108, ditto Mathoora Mohun Nundy Do. 36 81, ditto Behary Lal Pyne Do. 37 1, Gailiffe Street Mathoora Mohun Nundy Do. 38 1-1, ditto Do. 39 16, Haro Chunder Mullick's Street. 40 24, ditto Soorjee Kumar Biswas and others. 41 4, Haro Chunder Mullick's Street. 42 5, ditto Makundasoondari Dasi Do. 43 6, ditto Soorjee Kumar Biswas and others. 44 7 and 7-1, ditto Jogebondhoo and Soshimohun Shaw Poramanick. 45 9, ditto Sitanath Shaw Chowdry Do. 46 10, ditto Sitanath Shaw Chowdry Do. 47 11, ditto Dowarka Nath Shaw Do. 48 12, ditto Brojolal Roy and Benodelal Roy Aughore Nath Mozoomdar Do. 50 18-6, ditto Brojolal Roy, Radhica Lal Roy, Randa Lal Roy and others. 50 16, ditto Radharamon Shaw Do. 52 25, ditto Radharamon Shaw Do. 53 16, ditto Radharamon Shaw and others Do. 54 19, ditto Radharamon Shaw Do. 55 23, ditto Nilmadhub Shaw and others Do. 56 19, ditto Radharamon Shaw Do. 57 58 16, ditto Radharamon Shaw Do. 56 19, ditto Radharamon Shaw Do. 57 58 16, ditto Radharamon Shaw Do. 58 19, ditto Radharamon Shaw Do. 59 23, ditto Radharamon Shaw Do. 50 10, ditto Radhar	- 1		247-48, Upper Chitpur Road		Rehary Pyne			750	0	
28 87 to 87-53, ditto	- 1		76-2.80 and 80-1. ditto					187	ő	
29 135, ditto Chandilal Sinha, Sarup Roy and others. Do. 30 134, ditto Kanye Lal Khan Do. 31 138-39, ditto Audaitya Churn Mondul and others. Do. 32 140-7 to 140-14, ditto Monmohini Dasi Do. 33 143 and 143-1, ditto Gooroogobindo Shaw Do. 34 144, ditto Gooroogobindo Shaw Do. 35 108, ditto Mathoora Mohun Nundy Do. 36 81, ditto Messrs. George, Henderson and Co. 37 1, Gailiffe Street Messrs. George, Henderson and Co. 38 1-1, ditto Messrs. George, Henderson and Others. Do. 40 24, ditto Messrs. George, Henderson and Others. Do. 41 4, Haro Chunder Mullick's Street. Jogobondhoo and Soshimohun Shaw Poramanick. Makundasoondari Dasi Do. 42 5, ditto Jogobondhoo and Soshimohun Shaw Poramanick. Makundasoondari Dasi Do. 43 6, ditto Jogondro Nath Chackerbutty Do. 44 7 and 7-1, ditto Jogondro Nath Chackerbutty Do. 45 9, ditto Sitanath Shaw Chowdry Do. 46 10, ditto Sitanath Shaw Chowdry Do. 47 11, ditto Brojolal Roy and Benodela Roy Do. 48 12, ditto Brojolal Roy and Benodela Roy Do. 49 13, ditto Brojolal Roy and Benodela Roy Do. 50 13-6, ditto Brojo Lal Roy, Radhica Lal Roy, Benode Lal Roy, Nanda Lal Roy and others. Do. 52 25, ditto Harendro Kumar Roy Chowdry and others. Nilmadhub Shaw and others Do. 54 19, ditto Radharamon Shaw Do. 55 23, ditto Radharamon Shaw Do.					Hon'ble Raja Sett Lochmandas,	Do.		657	0	
30 134, ditto 31 138-39, ditto 31 138-39, ditto 32 140-7 to 140-14, ditto 33 143 and 143-1, ditto 34 144, ditto 35 144, ditto 36 36 81, ditto 37 1, Gailiffe Street 39 1-1, ditto 30 30 30 30 30 30 30 3	,	29	29 135, ditto		Chandilal Sinha, Sarup Roy and others.	Do.		270	0	
32	- 1				Kanye Lal Khan Audaitya Churn Mondul and			72 27	0	
33 143 and 143-1, ditto	,				Monmohini Dasi	D.		137	0	
35 108, ditto Behary Lal Pyne Do. Do. 37 1, Gailiffe Street Mathora Mohun Nundy Do. Do. Do. 38 1-1, ditto Messrs. George, Henderson and Co. Ditto Do. 39 16, Haro Chunder Mullick's Lane. Do. Do. 40 24, ditto Soorjee Kumar Biswas and others. Do. 41 4, Haro Chunder Mullick's Prolhad Chunder Shaw Do. 42 5, ditto Jogobondhoo and Soshimohun Shaw Poramanick. Makundasoondari Dasi Do. 43 6, ditto Jogendro Nath Chackerbutty Do. 45 9, ditto Sitanath Shaw Chowdry Do. 46 10, ditto Sitanath Shaw Chowdry Do. 47 11, ditto Dwarka Nath Shaw Do. 48 12, ditto Brojolal Roy and Benodelal Roy Aughore Nath Mozoomdar Do. 50 13-6, ditto Biswanath and Luckinath Poramanick. Brojo Lal Roy, Radhica Lal Roy Do. 52 25, ditto Benode Lal Roy, Nanda Lal Roy and others. Cooroodas Coondoo Chowdry Do. 54 19, ditto Harendro Kumar Roy Chowdry Do. 55 23, ditto Radharamon Shaw Do. 56 19, ditto Nilmadhub Shaw and others Do. 56 23, ditto Radharamon Shaw Do. 57 58 23, ditto Radharamon Shaw Do. 58 25, ditto Radharamon Shaw Do. 59 23, ditto Radharamon Shaw Do. 50 10, ditto Radharamon Shaw Do.	,				The Secretary to the Port Com-			675 360	0	
36 81, ditto Behary Lal Pyne Do. Do. 37 1, Gailiffe Street Messrs. George, Henderson and Co. Ditto Do. 38 1-1, ditto Ditto Do. Do. 39 16, Haro Chunder Mullick's Lane. Soorjee Kumar Biswas and others. Do. Do. 40 24, ditto Soorjee Kumar Biswas and others. Do. 41 4, Haro Chunder Mullick's Street. Street. Street. Do. 42 5, ditto Jogobondhoo and Soshimohun Shaw Poramanick. Makundasoondari Dasi Do. 43 6, ditto Jogendro Nath Chacker butty Do. 45 9, ditto Strimati Prosonno Moye Dasi Do. 46 10, ditto Sitanath Shaw Chowdry Do. 47 11, ditto Brojolal Roy and Benodelal Roy Aughore Nath Mozoomdar Do. 48 12, ditto Brojolal Roy and Benodelal Roy Do. 49 13, ditto Brojo Lal Roy, Radhica Lal Roy, Benode Lal Roy, Nanda Lal Roy and others. Do. 50 14, ditto Benode Lal Roy, Nanda Lal Roy and others. Gooroodas Coondoo Chowdry Do. 52 25, ditto Harendro Kumar Roy Chowdry and others. Nilmadhub Shaw and others Do. 54 19, ditto Nilmadhub Shaw and others Do. 55 23, ditto Radharamon Shaw Do.	1	0.5	109			Do.		48	8	
	- 1		,					52	8	
38 1-1, ditto Ditto Gooroo Churn Shaw Do. Do	- 1				Messrs. George, Henderson and	Do.	•••	667	8	
40 24, ditto Soorjee Kumar Biswas and others. Do.	- 1		16, Haro Chunder Mulli	ick's	Ditto			135	8	
	,,	40				Do.		22	8	
	,,	41	,	ick's		Do.		60	0	
	,,	42				nd at Its	•••	108	0	
	,,					_	•••	68	0	
	- 1							67	8	
11, ditto Dwarka Nath Shaw Do. Do. Marka Nath Shaw Do. D								40		
12, ditto Brojolal Roy and Benodelal Roy Do.	- 1	47	11, ditto		Dwarka Nath Shaw	Do.		67	8	
13-6, ditto Biswanath and Luckinath Poramanick. Brojo Lal Roy, Radhica Lal Roy, Do. Do	- 1					The second secon		261	0	
Manick Brojo Lal Roy, Radhica Lal Roy, Benode Lal Roy, Nanda Lal Roy and others. Do.	- 1				Biswanath and Luckinath Pora-	men.		87 72	8	
52 25, ditto Gooroodas Coondoo Chowdry Do. Harendro Kumar Roy Chowdry Do. Do. and others. Do. Do. Do. Do. Do. Do. Do. Do.	1	6 1	14, ditto		Brojo Lal Roy, Radhica Lal Roy, Benode Lal Roy, Nanda Lal	Do.	•••	139	8	一日の日本 日本の日本
" 54 19, ditto Nilmadhub Shaw and others Do 55 23, ditto Radharamon Shaw Do	- 1				Gooroodas Coondoo Chowdry Harendro Kumar Roy Chowdry	1 -		90 72		
,, 55 23, ditto , Radharamon Shaw Do	1	54	19. ditto	***		Do.		162	0	1
,, 66 27, ditto Chundrashekhur & Radhikaial Do	,,						•••	67	8	1
" Shaw.					Shaw.	-				
1 50 20 and 21 ditto I Sosheehhusen Shew Chowdry Do	,,	58	20 and 21, ditto	***	Sosheebhusan Shaw Chowdry	Do.	:::	79	0)

Ward No.	Serial No.	Locality of Warehouses.	Name of License-holders.	Description of Warehouse.	Annual license fee
	2	8	4	5	6
2	65	15, Kashi Mitter's Ghat Stree 29, ditto	t Messrs: Finlay, Muir and Co Fatickchand Mazoomdar	Do	Rs. A. P 68 8 0 63 0 0 112 8 0 184 8 0
•	1	17-1 and 18, Manick Bose's Ghat Street.	Noder Chund Shaw	Do	46 0 0
,, ,,	66 67 68	36 and 36-1 to 36-7, ditto 44, ditto ditto ditto	Sreemati Kamini Dasi Dabendrodeb Das	Do	12 0 0 115 0 0 126 0 0
,,	70	58, Nimtolla Ghat Street	Managing Agents, India Pressing Co., Ld.	Do. ,	122 0 0 364 8 0
" "	71 72 78	82, ditto 1, Noyan Sur's Lane 7, ditto	Ditto ditto Judoonath Shaw Chowdry Sabitrisundari Dasi Sumbhoo Nath and Gobindo	Do Do Do	750 0 0 180 0 0 63 0 0 75 0 0
,,	74	8, ditto	Nath Shaw Chowdry. Buddon Chunder and Gooroogo- bindo Shaw.	Do	97 8 0
	76	9, ditto	Nabin Chunder Coondoo and Hari Nath Coondoo.	Do	90 0 0
"	77 78	3 to 3-3, Sovabazar Street 5, ditto 7, ditto	Rash Behary Shaw and others Bissumbhur Mullick. Chunder Shekhur and Sreekanto Shaw Poramanick	Do Do	594 0 0 187 8 0 72 0 0
" " " " " "	79 80 81 82 83 84	10, ditto 12, ditto 71-1, ditto 72, ditto 78 and 79, ditto 90, ditto	Jullodpur Shaw and others Sarodaprosad Sur Dino Nath Shaw Damodur Poramanick and others Mohineykanto Shaw	Do Do Do Do	100 8 0 45 0 0 54 0 0 135 0 0 189 0 0
"	85	90, ditto 91 and 92, ditto	Sreeram Chunder Shaw and others. Audaitya Churn Mondul and	Do	180 0 0 135 0 0
;; ;; ;; ;; ;;	86 87 88 89 90 91	78, ditto 93 and 94, ditto 95 and 96, ditto 97, ditto 98, ditto 98-1, ditto 98-2, ditto	others Dhaniram and Kashinath Shaw Lalbehary Sadhkhan Jaggut Mohun Shaw Sitanath Shaw Chowdhry Ditto Jugobondhoo and Sarat Chunder Shaw Chowdhry. Ditto ditto	Do	193 8 0 54 0 0 180 0 0 31 8 0 225 0 0 67 8 0
3 "	94 95 96	1, Budreedas' Temple Street 4, ditto 6, ditto	Audaitya Churn Mondul and others. Gopee Mohun Roy Manick Chunder Coondoo Soorji Kumar and Gooroo Churn	Do Do Do	112 8 0 72 0 0 76 8 0 36 0 0
"	97 98 99 100	19, ditto 24, ditto 25, ditto 24-A, Canal West Road	Shaw. Hurrish Chunder Dutt Gooroo Churn Shaw Trannath Banerji	Do Do Do	22 8 0 45 0 0 86 0 0 54 0 0
" " "	101 102 103 104 105	29-1, ditto ditto ditto	Shaw. Ditto ditto Gopee Mohun Roy Ditto Mohima Churn Coondoo	Do Do Do Do	40 8 0 98 0 0 72 0 0 63 0 0
n n n	106 107 108 109	35-4-1, ditto 35-5, ditto 55, Goureebaree Lane 58, ditto	Taraprosonno Roy and others Parbutty Churn Roy and others Trannath Banerji Harish Chunder Dutt	Do Do Do	54 0 0 73 8 0 90 0 0 32 0 0 54 0 0
5 ,,	111 112	198, Durmahatta Street and 58, Strend Road.	Ch. Shaw. Messrs. Ewing and Co., Agents, River Side Press Co., Ld.	Do 2	40 8 0 83 0 0
93			others		36 0 0
" " "	115 116 117	26 and 27, Jorabagan Street I 28, ditto I 43, Nimtolla Ghat Street I 26 and 27-H-1-A, Strand Road	Dutt. Peary Mohun Dutt I Rameswar Aitch I Wessrs. C. D. Mangus and Co. I Managing Agents, I. G. S. N. J.	00 11 00 25	10 8 0 73 8 0 25 0 0 80 8 0
,,	119		Co., Ld. Judoonath Shaw Chowdry	00 18	30 8 0

1282 SUPPLEMENT TO THE CALOUTTA GAZETTE, JULY 26, 1899.

Ward No.	Locality of Warehouse.		Name of License-holders.	Description of Warehouse.	Annual license fee.		
1	2	8	4	5	6		
5	120	67-27-H-I-B, Strand Road	Managing Agents, I. G. S. N. Co., Ed.	Jute	Rs. A. P. 230 8 0		
"	121 122	67-5, ditto 67-9-H-1, ditto	Ditto ditto Ditto ditto	Do Do	405 0 0 333 8 0		
"	123	67-9, ditto	Messrs. Macneill and Co., Agents, R. S. N. Co., Ld.	Do	495 0 0		
,,,	124	67-2 and 67 31-H-1, ditto	Messrs. Ewing and Co., Agents, River Side Press Co., Ld.	Do	750 0 0		
9	125	135, Belliaghatta Road	Messrs. George, Henderson and Co.	Do	90 0 0		
	126	308, Upper Circular Road	The Manager, E. B. S. Railway	Do	450 0 0		
19	127	6, Gooreapara Road	Messrs, Bird and Co	Do	150 0 0		
25	128	9, Circular Garden Reach Road	,, Gillanders, Arbuthnot and Co.	Do	216 0 0		

WEATHER AND CROP REPORT.

For the week ending the 24th July 1899.

Burdwan.—Rainfall at Sadar 8.84, Kalna 8.79, Katwa 12.04, Raniganj 4.23. Weather cloudy and rainy. Transplantation of aman paddy going on briskly. No more rain is wanted at present. Standing crops doing well. Fodder and water sufficient. Cattle-disease in Katwa decreasing rapidly. Common rice selling as follows:—

				Srs.	
adar alna	•••		•••	17 to 20	1
atwa	•••	***	***	15 to 17	1
	•••		***	17	per rupee.
Barri	•••	***	•••	16)
aniganj				17 16	1

Birbhum.—Rainfall at Sadar 6·34, Rampur Hât 3·46. Weather rainy. Transplantation of paddy going on. Price of common rice at Sadar 18 seers and at Rampur Hât 17½ seers per rupee. Fodder sufficient. No cattle-disease.

Bankura.—Rainfall at Bankura 1.03, Vishnupur 5.43. Weather hot with occasional light showers. Transplantation going on. Fodder and water sufficient. No cattle-disease reported. Price of common rice at Bankura 17½ seers and at Vishnupur 17¼ seers per rupee.

Midnapore.—Rainfall at Sadar 3.60, Tamluk 5.79, Ghatal 5.79. Weather seasonable. Transplantation going on. Ghatal circuit embankment lands over-flooded. Cattle-disease reported from Salboni police-station. Common rice selling as follows:—

Sadar				Srs.	
Tamluk	***	•••		12 to 20)
Ghatal	•••	•••	***	143	per rupee
	•••	•••	•••	$14 \text{ to } 18^{\frac{143}{4}}$) Por rapeo.

Hooghly.—Rainfall at Sadar 6·26, Serampore 8·22, Jahanabad 10·92. Excessive rainfall has caused injury to jute and aus. Transplantation of winter paddy going on. Cattle-disease in Hooghly and subdivisions. Common rice sells from 13 to 16 seers per rupee.

Howrah.—Rainfall at Sadar 5.89, Ulubaria 5.71. Weather cloudy with heavy showers. Transplantation of aman retarded and seedlings damaged in places. Fodder and water sufficient. Common rice sells from 12 to 15 seers per rupee.

24-Parganas.—Rainfall at Sadar 2·30, Barasat 8·00, Basirhat 5·27, Diamond Harbour 2·88. Weather cloudy and rainy. Excessive rain has injured the standing crops. The low lands are flooded and aman seedlings have been destroyed in many places, especially in Diamond Harbour, where the prospects of the winter rice crop are not favourable. Weeding and transplanting operations are at a standstill except at Basirhat, where transplantation of aman is reported to be going on. Cattle-disease reported only from Basirhat subdivision. Fodder and water sufficient. Common rice sells as follows:—

Sadar					Srs.	
Barasat	***	•••	***	13	to 15)
Basirhat	•••	•••	***		16	1
Diamond Han	homm	•••	•••		$18\frac{13}{16}$	per rupee.
Zimond Hai	bour	•••	•••		15	,

Nadia.—Rainfall at Sadar 8.71, Kushtia 9.77, Meherpur 8.96, Chuadanga 6.19, Ranaghat 7.20. Weather rainy and cloudy. Transplantation of aman commenced. Excessive rain damaging aus crop on low lands. Fodder and water sufficient. Price of common rice stationary.

Murshidabad.—Rainfall at Sadar 1.63, Kandi 4.58, Jangipur 3.51. Weather cloudy. Transplantation of aman still going on. State of bhadoi good. Jute, indigo, and mulberry doing well. The recent rain has done some injury to the paddy plants in Sadar subdivision. No cattle-disease reported. Fodder and water sufficient. Common rice sells as follows:—

			•	Srs.	
Sadar	•••			16	1
Kandi	•••	***		181	per runee
Jangipur	**************************************	•••		18 <u>1</u> 18	per rupee

Jessore.—Rainfall at Sadar 8.36, Jhenida 9.24, Magura 7.40, Narail 6.61, Bangaon 5.57. Weather cloudy and rainy Weeding of paddy going on. Rain and insects damaging the paddy. Prospects of aman crop fair. Rivers are rising fast. No cattle-disease reported. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar		•••		16 to 20)
Jhenida		***	•••	16	1
Magura	***	*	***	17 to 19½	per rupee.
Narail	•••	•••	***	18	
Bangaon	•••	•••	•••	17 to 18 .)

Khulna.—Rainfall at Sadar 10.18, Bagirhat 4.85, Satkhira 11.13. Weather hot, cloudy, and rainy. Cultivation for and transplantation of aman going on. Fodder and water sufficient. Cattle-disease reported from Morelganj and Mollahat. Common rice sells as follows:—

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Sadar ... ... 19 to 23
Bagirhat ... ... 20 per rupee.
Satkhira ... ... {15 and }
20 (coarse aus).
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Rajshahi.—Rainfall at Sadar 1.27, Nator 4.82, Naugaon 4.31. Prospects of crops good. Cattle-disease reported from one village in Lalpur thana. Fodder and water available. Rice sells from 15 to 22 seers per rupee.

Dinajpur.—Average rainfall 5.07. Weather seasonable. *Haimanti* paddy being transplanted. Cattle-disease reported from two thanas and two outposts. Fodder and drinkingwater plentiful. Rice 17 to 20 seers per rupee.

Jalpaiguri.—Rainfall at Sadar 6·44, Alipur Duars 1·88. Weather seasonable. *Bhadoi* and jute thriving well. Transplantation of *haimanti* paddy going on. Fodder and water sufficient. Common rice sells from 10 to 13 seers per rupee.

Darjeeling.—Rainfall at Darjeeling 7.83, Siliguri 3.61. Weather seasonable. *Hills—Haimanti* paddy and *bara marua* being transplanted; *bhutta*, *bhadoi*, and *chota marua* flourishing. *Terai—Haimanti* paddy being transplanted; jute, *bhadoi*, and sugarcane doing well. Prospects good. Coarse rice sells as follows:—

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Hills ... ... 10 to 12 repee.

Terai ... 10 to 12 per rupee.
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Bhutta sells at Darjeeling 24 seers and at Kalimpong 40 seers per rupee.

Rangpur.—Rainfall at Sadar 1 33, Kurigram 1 00, Nilphamari 5 70. Weather rainy.

Cutting of aus and jute going on. Prospects good. Fodder and water sufficient. Cattledisease prevailing in some villages in than Jaldhaka.

Bogra.—Average rainfall 2.99. Harvesting of aus and jute going on in places. Preparation of land for and transplantation of aman going on. Prospects good. Fodder and water sufficient. Common rice selling from 16 to 22 seers per rupee.

Pabna.—Rainfall at Sadar 6.89, Sirajganj 4.16. Weather cloudy and rainy. Low-land crops greatly damaged owing to excessive rainfall. Prospects otherwise good. Prices unchanged.

Dacca.—Rainfall at Sadar 4.59, Manikganj 2.88, Munshiganj 3.42, Narainganj 4.04. Weather seasonable. Prospects of crops fair. Insects are still destroying paddy and jute in Sadar and Munshiganj subdivisions. Fodder available. No cattle-disease. Price of rice stationary.

Mymensingh.—Rainfall at Sadar 3.64, Tangail 2.38, Kishorganj 1.13, Jamalpur 2.27, Netrokona 3.15. Weather dull and showery. Prospects of crops excellent. Condition of cattle good. Fodder and water-supply ample. Common rice sells at 20 seers per rupee.

Faridpur.—Rainfall at Sadar 5·14, Goalundo 5·97, Madaripur 2·60. Weather cool: very rainy and damp. Aus and jute being reaped. Prospects of all crops very good. Common rice sells at 19 seers per rupee.

Backergunge.—Rainfall at Sadar 10:41. Weather showery. Prospects of crops fair. Common rice sells from 13 to 21 seers per rupee.

Tippera.—Rainfall at Sadar 4.67, Brahmanbaria 1.18, Chandpur 4.33. Weather stormy. Jute and aus paddy being cut. Some damage to paddy and jute reported from Chandpur subdivision. Average price of common rice 19 seers per rupee.

Noakhali.—Rainfall at Sadar 14.27, Feni 17.98. Prospects of standing crops good. No cattle-disease. Fodder sufficient. Price of rice 16 to 20 seers per rupee.

Chittagong.—Rainfall 6.17. Weather seasonable. Transplantation of aus over. Fields being prepared for aman. Prospects fair. Prices steady. Water and fodder sufficient.

Patna.—Rainfall at Sadar 6.37, Bikram 5.13, Barh 8.04, Hilsa 9.05, Dinapore 5.9, Bihar 5.74. Excessive and continuous rain has injured the bhaddi crops. The country is water-logged in places, and paddy seedlings have been slightly damaged. Condition of cattle good. Fodder and water for cattle sufficient. Common rice in Patna sells at 18 seers per rupee.

Gaya.—Rainfall at Sadar 8:32, Jahanabad 2:22, Aurangabad 3:64, Nawada 5:86. Paddy seedlings ready for transplantation. Sunshine urgently wanted for weeding bhadoi crops. Common rice selling at 15½ seers per rupee.

Shahabad.—Rainfall at Sadar 3.89, Buxar 1.18, Bhabua 47, Sasaram 1.10. Transplantation of marua and paddy going on. Standing crops not doing well owing to continuous rain. Cattle-disease reported from seven villages in the Sasaram subdivision. Fodder and water abundant.

Saran.—Rainfall at Sadar 6.52, Siwan 6.75, Gopalganj 3.46. Weather cloudy and rainy. Weeding of bhadoi crops and transplantation of paddy going on. Rain excessive. Young crops suffering Cessation of rain generally wanted. Average price of common rice 15.3 seers and of makai 24.13 seers per rupee.

Champaran.—Rainfall at Motihari 1.91, Bettiah 3.17, Barharwa 5.46, Bagaha 1.39 Ramnagar 1.96. Prospects of paddy good. Transplantation still going on. *Makai* suffered much from excessive rain. Weeding virtually stopped. Sunshine much wanted. Price of common rice 135 seers and of maize 22½ seers per rupee.

Muzaffarpur.—Rainfall at Sadar 3.22, Hajipur 9.37, Sitamarhi 1.68. Bhadoi crops being damaged by incessant rain. Sunshine urgently needed. Transplantation of rice going on where practicable. Prices are—Common rice 12 to 15 seers, wheat 16 to 18 seers, barley 23 to 25 seers, makai 22½ seers, gram 21 to 23 seers, and rahar 21 to 22 seers per rupee.

Darbhanga.—Rainfall at Sadar 2·42, Samastipur 3·45, Madhubani 1·37. Weather cloudy and rainy. Bhadoi crops damaged to some extent by excessive and continued rain. Cessation of rain is urgentiy needed to improve the bhadoi crops. Paddy being transplanted. Common rice selling at Sadar 13½ seers per rupee. Fodder and water sufficient.

Monghyr.—Rainfall at Monghyr 9.22, Begusarai 13.24, Jamui 13.12. Weather very rainy. Bhadoi crops considerably damaged owing to excessive rainfall. Paddy being transplanted. Weeding retarded. Indigo being cut. Common rice sells as follows:—

Monghyr 13
Begusarai 12 to 14
Jamui 15

Bhagalpur.—Weather wet and cloudy. Rainfall at Sadar 9:44, Banka 11:71, Madhipura 5:03, Supaul 4:25. Prospects of bhadoi crops seriously damaged on account of heavy rain, especially in Banka. A break of sunny weather required much. Stray cases of cattle-disease reported. Common rice sells at Sadar 15 seers 2 chitaks per rupee.

Purnea.—Rainfall at Sadar 6.21, Kishanganj 3.06, Araria 7.79. Weather rainy. Standing crops doing fairly well. Early-sown bhadoi (janera) being harvested. Transplantation of aghani progressing. No cattle-disease. Fodder and water sufficient. Common rice sells at Sadar 14 seers and at Kishanganj and Araria 15 seers per rupee.

Malda.—Rainfall at Sadar 3.36, Gajol 2.33. Weather cloudy with heavy showers of rain almost every day. Weeding of bhad i paddy and jute continues. Some damage has been caused to the former by the sudden rise of the Ganges in thanas Kahammek and Manikchak. Winter rice being transplanted. Coarse rice selling at 18 seers per rupee. Fodder ample.

Sonthal Parganas.—General rain. Indian-corn suffering from excessive moisture. Paddy flourishing. Some cattle-disease in Rajmahal and Jamtara subdivisions. Fodder sufficient.

Cuttack.—Rainfall at Sadar 1·33, Jajpur 2·14, Kendrapara 2·17, Banki ·87, False Point 1·19. Weather seasonable. Sarad, jute, and sugarcane growing. Beali in ear. Condition of cattle generally good. Fodder and water sufficient. Common rice sells as follows:—

			9	8.	ch.	,
Cuttack			***	17	1	1
Jajpur Kendrapara		•••		17	1	
Kendrapara				19	11	per rupee.
Banki	•••	•••	***	16	13)
						1

Balasore.—Rainfall at Sadar 33. Sugarcane thriving. Reploughing of sarad going on. Rice sells from 16 to 24 seers per rupee in the interior, and 16 seers at Balasore and Bhadrak. Fodder and water sufficient.

Angul.—Rainfall at Sadar 26, Bisipara 2.67. Weather cloudy with occasional drizzling. Puddling of winter rice retarded for want of sufficient rain. *Bhadoi* and sugarcane doing well. Rice sells at 24 seers per rupee at Angul and 16½ seers at Khondmals.

Puri.—Rainfall at Sadar '33, Khurda '51. Puddling of sarad has commenced in some places; elsewhere it is delayed for want of sufficient rain. Condition of beali, mandia, and sugarcane good. Fodder and water sufficient. Cattle-disease still continues in some parts. Price of common rice stationary.

Hazaribagh.—Rainfall at Sadar 3.53, Giridih 4.00. Weather seasonable. *Bhadoi* crops injured by excessive rain in some thanas. Transplantation going on. Common rice sells from 14 to 18 seers per rupee.

Ranchi.—Transplantation of winter rice commenced. Prospects good. Rice sells at Ranchi 15 seers per rupee and in the interior from 16 to 21 seers per rupee. Health of cattle good. Fodder and water plentiful.

Palamau.—Rainfall 2.01. Weather seasonable. Transplantation of paddy commenced. *Makai*, *urid*, and *barai* injured somewhat by excessive rain. Sugarcane doing well. Rice sells at 16 seers per rupee.

Manbhum.—Rainfall at Sadar 4.78, Gobindpur 4.57. Weather seasonable. Prospects of crops generally good. Cattle-disease reported from thanas Topchanchi and Tundi. Fodder and water sufficient. Average price of common rice at Sadar 18 seers and Gobindpur 16 seers per rupee. Supply sufficient.

Singbhum.—Rainfall 1.85. Prospects of crops good. Transplanting in progress. Rice sells from 16 to 20 seers per rupee.

General Summary.—There has been general and heavy rain except in Orissa, where more is wanted. The transplanting of winter rice is generally in progress, but a break in the weather would be beneficial, especially for the low lands, and in some places seedlings have been damaged. The continuous heavy rain has done injury to the young autumn crops throughout the Patna Division and in parts of Bhagalpur, Chota Nagpur, and South-West Bengal. The cutting of jute and early rice has begun in places in North and East Bengal. Sugarcane is doing well. Cattle-disease is reported from a few districts. Fodder is sufficient. Prices of common rice are reported to have slightly risen in a few districts, but are on the whole stationary.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secretary to the Govt. of Bengal.

Revenue Department, The 25th July 1899. PRICES-CURRENT (RETAIL) OF FOOD-GRAINS AND SALT

IN THE

HEAD-QUARTERS STATION BAZARS OF THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 15TH JULY 1899.

PRICES-CURRENT (retail) of Food-grains and Salt in the Head-

						WHEAT		I	BARLEY	1X i	I	RICE	, в	ST S	ORT.		Rice	, 00	омм	on.		JOWAI (Sorgh	on Ch	OLUM lgare.
Number.		DISTRICTS	•	-	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return,	Corresponding return of last year.		resent return.	Next preceding	ru.	Corresponding return of last year.		Present return.	Next preceding	irn.	Corresponding return	of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		BENGAL.		s.	Ch.	S. Ch.	S. Ch	S. Ch.	S. Ch.	S. Ch.	s.	Ch	3.	Ch.	s. Ci	. 8	Ch.	s.	Ch.	3.	Ch.	s. Ch	s. Ch.	s. c
		Burdwap		20	0	20 0	11 0				14	0	14	0	10 0	16	8	16	8	12	8			
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AN DI	3	Bankura		13		17 0	10 0				13	0	12	0	10 0	16	0	17	0,	12	8			
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H	5	Hooghly			••						12	4	12	8	9 (14	8	15	. 0	11	0			_
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r Dry	9	Nadia		17		17 12	12 4	29 1	29 1		7	4	7	4	6 2	15	9	15	9	11	1			-
PRESIDENCY DIVISION.	10	Murshidabad .	{	20 Gan	gaj	19 0 ali.	13 0	32 0	32 0	22 0	14	8	14	0	10 0	18	8	16	8	13	8			
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	12	Khulna									14	0	14	0	11 (20	0	20	0	13	0			-
	/13	Rajshahi		18	12	18 12	13 8	33 12	30 0	21 0	13	8	13	8	6 (16	8	16	8	11	10		-	-
	14	Dinajpur		13	0	19 0	12 6	17-12-3	17-12-3		12	0	11	4	9-9-3	18	0	16	12	13	0			
VISION,	15	Jalpaiguri		13	0	13 0	10 8				5	0	5	0	5 (16	0	15	0	12	0			
RAJSHAHI DIVISION,	16	Darjeeling		8	0	8 0	7 0	9 0	10 0	8 0	5	8	5	8	5 4	13	0	13	0	11	0			١
RAJSHA	17	Rangpur		12	8	12 8	8 0				9	0	9	0	8 0	17	0	17	0	10	0			
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	19	Pabna		18	12	18 12	12 12	35 0	35 0	22 8	7	0	7	0	6 0	17	4	16	8	11	4			i
	20	Dacca		14	0	14 0	11 8	42 8	39 0	18 4	19	0	10	0	9 4	19	0	19	0	10	0	1 10		
ISION.	21	Mymensingh				13 8		10 0			16							10			ALC: N		-	-
DACCA DIVISION.	22	Faridpur				21 0			53 0				16					20		11		-	-	-
DAGE	23	Backergunge							33 0	-		0	5	8	5 6			18		11	0			
		- and a street									15	0	14	8	11 (15	12	15	12	11	4			

A. In the subdivisions the retail price of salt per rupee, are:—Kalna 10 seers 10 chittacks; Katwa 10 seers 15 chittacks; Raniganj
B. At Rampur Hat the retail price of salt is 10½ seers per rupee.
C. At Vishnupur the retail price of salt is 9½ seers per rupee.
D. In the subdivisions the retail prices of salt per rupee are:—Contai 8 seers; Tamluk 10½ seers; Ghatal 11 seers 7 chittacks.
E. In the subdivisions the retail prices of salt per rupee are:—Serampore 10½ seers; Jahanabad 11 seers.
E. At Ulubaria the retail price of salt is 10 seers 10½ chittacks per rupee.
G. In the marts in the interpriof the district the retail prices of salt per rupee are:—Chetla 11 seers; Barasat 11 seers 6 chittacks;
B. In the subdivisions the retail prices of salt per rupee are:—Kushtia (Bahadurkhali) 11½ seers (panga); Chuadanga 12 seers (panga);
I. In the subdivisions the retail prices of salt per rupee are:—Lalbagh 10½ seers; Kandi 10½ seers; Jangipur 10 seers.
J. In the subdivisions the retail prices of salt per rupee are:—Lalbagh 10½ seers; Magura 9½ seers; Narail 10 seers; Bangaon 10 seers 10 chittacks.

BAJ	riseti	um ty	phoia	- 1	MAR	UA O	R R	AGI. ana.)	KA I	NGNI TALL Setari	OR]	KAKT ILLET lica.)
Present return.	Next preceding re.	tum.	Corresponding re-		resent return.	Next preceding re-	Corresponding	turn of last year.	Present return,		turn,	Corresponding re-
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The state of the s

quarters Station Bazars of the Districts of Bengal on the 15th July 1899.

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<sup>K. In the subdivisions the retail prices of salt per rupee are: —Bagerhat 10 seers; Satkhira 11 seers.
L. In the subdivisions the retail prices of salt per rupee are: —Nator 11 seers; Naggnon 9 seers 10 chittacks.
M. In the Alipur Duars the retail price of salt is 8 seers per rupee.
N. At Kurseong and Siliguri the retail price of salt (panga) is 8 seers per rupee.
O. In the subdivisions the retail prices of salt per rupee are: —Gaibanda 10 seers; Kurigram 8 seers; Nilphamari 10 seers.
P. At Sirajganj the retail price of salt is 11½ seers per rupee.
Q. In the marts in the interior of the district the retail prices of salt per rupee are: —Madanganj 11 seers 7 chittacks; Manikganj 9 seers; Munshirhat 11 seers 6 chittacks; Mirkadim 11 seers 6 chittacks.
R. In the subdivisions the retail prices of salt per rupee are: —Kishorganj 10 seers; Jamalpur 10 see s; Kagmari 8 seers; Netrokona 8 seers.
S. In the subdivisions the retail prices of salt per rupee are: —Goalundo 10 seers; Madaripur 10½ seers.
T. In the subdivisions the retail prices of salt per rupee are: —Pirojpur 8 seers; Patuakhali 9 seers; Bhola 9 leers.</sup>

PRICES-CURRENT (retail) of Food-grains and Salt in the Head-quarters

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CALCUTTA, The 25th July 1899.

<sup>U. In the subdivisions the retail prices of salt per rupee are:—Chandpur 9 seers; Brahmanbaria 10 seers.
V. At Feni Hat the retail price of salt is 9 seers per rupee.
W. At Cox's Bazar the retail prices of salt is 8½ seers per rupee.
X. In the subdivisions the retail prices of salt per rupee are:—Barh 10½ seers; Bihar 9½ seers; Dinapore 10½ seers.
Y. In the subdivisions the retail prices of salt per rupee are:—Jahanabada 10 seers; Aurangabad 10 seers; Nawada 9 seers.
Z. In the subdivisions the retail prices of salt per rupee are:—Buxar 11 seers; Bhabua 10 seers; Sasaram 10½ seers.
a. In the subdivisions the retail prices of salt per rupee are:—Siwan 11 seers 6 chittacks; Gopalgani (Mirgani) 12½ seers.
b. At Bettiah the retail price of salt is 10 seers per rupee.
e. In the Hajipur and Sitamerhi subdivisions the retail price of salt is 10 seers per rupee.
d. In the subdivisions the retail prices of salt per rupee are:—Samastipur 10 seers; Madhubani 11 seers.</sup>

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Station Bazars of the Districts of Bengal on the 15th July 1899 - (concluded)

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e. In the subdivisions the retail prices of salt per rupee are:—Begusarai 10\(^3\) seers; Jamui 10 seers.

f. In the subdivisions the retail prices of salt per rupee are:—Banka 10 seers; Mad Npura 9\(^1\) seers; Supaul 10 seers.

g. In the Kishanganj and Araria subdivisions the retail price of salt is 9 seers per rupee.

At Balia Nawabganj the retail price of salt (karkatch) is 9\(^1\) seers and panga 10 seers per rupee.

In the subdivisions the retail prices of salt per rupee are:—Deoghur 10\(^1\) seers; Godda 9 seers; Jamtara 11 seers; Pakour 10 seers;

j. In the Jajpur and Kendrapara subdivisions the retail price of salt (panga) is 9 seers per rupee.

k. At Bhadrak the retail price of salt is 10 seers per rupee.

1. At Khurda the rotail price of salt is 11 seers per rupee.

2. At Gobindpur the rotail price of salt is 10 seers 10 chittacks per rupee.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, &c.

					Ric	CE (BE	ST SC	RT).			c	юма	MON	RICE	(mot	a cha	ul).		W	HE.	AT	(Tritic	um s	ativ	um).		I	BAR	LEY	(Ho	deum	vulg	ure)
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CALCUTTA,
The 25th July 1899.

JUAR O	vulgare).	(Sorghum	Bajra o	or cumbu (1 typhoideum)	Pennisetum).	MARU	A OR RAGI (.		GRAD KAD	M, CHANA, O ALAY, OR St Vicer arieting	JHOLA, JNAGA um).
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PRICES PER MAUND OF

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in the undermentioned Marts of Bengal on the 15th July 18,9.

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F. A. SLACK,
Offg. Secretary to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 16th to 22nd July 1899.

	-	-	hours of ne.	barometer	107	Тимрі	BRATUI	RE.		Hygre	OMETRY	7.	WIN	D.		
Month	Date.	Maximum in sun.	Number of hour bright sunshine,	Mean pressure bar at 32° Fabr.	Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point,	Humidity.	Prevailing di	Miles recorded,	Rain.	WEATHER,
1899,				Inches.	0	0		0	0	Inche	4	1 %		1	1	L S
July	16th	118 6	Nil	29.558	82.1	85:4	7.8	77-6	79-9	0 992		4	WSW and WM	W 70	Inches	
"	17th	138-4	1.4	•521	81.4	85 6	9.4	76.2	79:3	•977	78.5	91	SW by W a WSW.	nd 108	1.88	Chiefly cloudy,
"	18th	146.3	0.8	•506	84.1	88.6	8.4	80.2	80.7	1.006	79.4	86	SW and SSW	74	Nil	Chiefly cloudy.
"	19th	131-6	1.7	•537	84.6	88.3	6.9	81.4	81.2	1.019	79.8	86	SSW and SW	81	0.56	Chiefly cloudy,
,,	20th	138-9	Nil	524	82.7	85 6	6.6	79.0	80.5	1.013	79.6	90	SW and WSW	100	0.27	Cloudy, o, d, p.
"	21st	88.7	,,	•543	80.7	82.6	4.4	78•2	79.4	0.990	78:9	94	WSW and SW I	у 111	0.96	Cloudy, o. g, d, p.
3)	22nd	123.4	"	•622	81.5	86.2	8 8	77.4	79.3	•973	78.4	90	SW by S an	d 91	0.22	Cloudy, o, g, d, p,
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The maximum and minimum temperatures are obtained from self-registering thermometers. All the The maximum and minimum temperatures are obtained from sen-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet

the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers.

METEOROLOGICAL OFFICE, GOVT. OF INDIA, Calcutta, the 24th July 1899.

G. W. KUCHLER, For Meteorological Reporter to the Govt. of India.

SUPPLEMENT TO THE CALCUTTA GAZETTE, JULY 26, 1899.

1295

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 22nd July 1899, as compared with the corresponding week of the previous year.

NATUR	B OF CARGO.		WEEK P	NDING SATURE ND JULY 1899	DAY, THE	WEEK EN	DING SATURD RD JULY 1898	AY, THE
			Number of boats.	Weight of cargo.	Tollage,	Number of boats.	Weight of cargo.	Toliage.
Rice and paddy Jute Firewood Other articles			No. 520 10 26 618	Mds. 60,875 7,750 22,550 1,96,707	Rs. 983 117 338 2,566	No. 219 7 49 532	Mds. 20,780 4,350 34,300 1,46,111	Rs. 272 76 534 1,895
	Total	•••	1,174	2,87,882	4,004	807	2,05,511	2,777

BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

Abstract of principal Commodities carried over the Bengal Central Railway during the month of May 1899, as compared with the same month of previous year.

					1	899.	189	8.	To	TAL.	Increase.	Decreas
ARTI	CLES.				Up.	Down.	Up.	Down.	1899.	1898.	Therease.	Decreas
					Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons
0-1-4 0-1			D., 1, 14		709	104	1,267	267	813	1,534	Testing	72
Foreign Railways.		tne .	Public	e and	100			100 100 100		100		12
Cotton, raw Cotton, manufactured-		•••	***	•••		23	******	13	23	13	10	******
Twist and varn. Et	ropear	n		***	48	••••	87	*****	48	87		3
Ditto, Ir Piece-goods, Europ Ditto, India	ean	:::	•••	:::	148	- :::::	100	:::::	148 2	100	48	
Drugs and Chemicals— Intoxicating, other	than (Dpiun	a				1			1		1
Non-intoxicating— Cinchona bark			•••		2		2		2			
Others Dyes and Tans—	•••	•••	•••				2		2	2		******
Indigo Myrabolams	•••					******	******					******
Cutch	***	***	***	***	7	95	8	37	102	45	57	******
Alizarine and Anili	ie Dy e		***		******	*****		******	******	******		******
Al (Morinda Citrifo Others	118.)	***		***			******	******	*****			******
Grain and Pulse— Wheat Rice in the husk		•••	•••			5	1		5	1	4	
Rice in the husk Do. not in the hus	***			:::	12	1,982	248 109	13 30	1,994	261 139	1,855	247
Jawar and bajra	***	***	***	***	10	1,483	23	******	1,493	*****	******	******
Gram and pulse Others				:::		1,900		91	*****	114	1,379	
Hides of cattle—					,							
Dressed or tanned Raw	***	***	***		1							
Skins of sheep, &c.— Dressed or tanned Raw			***			64	1	4	64	5	59	*****
orns emp and other fibres-						••••					••••	
Jute— Raw Gunny-bags and clot	h	:::	:::	:::	52	71 9	8	66 8	71 61	66 16	5 45	
stick												
Shell eather, manufactured	***	:::			8				3		3	
quors— Ale and beer												
Spirit of all kinds, in	cludin	g cou	niry s	pirit		*****		******	*****	2		*****
Wine All other sorts, inclumented liquor, oth	ding or than	toddy	y and and be	fer-	4		2		4		2	*****
etals—										******	*****	
Copper, unwrought Brass, ditto	•••	•••	***						*****	******		*****
Copper, wrought		***	***		*****	*****			******	*****	*****	
Brass, ditto Iron and steel—	•••	•••	***		1	3	5	1	4	6		2
(a) Cast (b) Unwrought	***		***	:::	1			*****	1		1	******
(c) Wrought (d) Manufactures		***	***		15	******	12		15	12	3	*****
Others				:::	32	34	10	16	66	26	10	*****
Kerosine					188	5	107	24	193	131	62	
Cocoanut	***		***		25		20	*****	25		1	
Mustard and rape	***	***	***		53	******	******	*****	53	20	53	*****
seeds-	•••	•••	•••				35			35		35
Rape and mustard		***			49	355 58	61	139	355 107	139	216	
Til or jinjili Poppy			***		*****	6			6		6	
Earth-nuts Castor			***			******				*****		
Others ***	***	***		:::								
per and Pasteboard					31		21		91	*****		
visions-							-1	-	31	23	8	
Ghee Dried fruits and nuts		***	***	:::	6		5		6	5	1	
Others		•••	•••		279	378	233	290	657	523	134	
ilway plant and rolli he Public and Foreign Locomotives, engines	Railwa	ays-										
Locometives, engines, parts thereof. Carriages and trucks,					e							•••••
Steel rails and fish-r	lates				0.0000							
Sleepers and keys of Other sorts	steel a	nd ca	st-iron	a								
					514		408		*****	••••		
	488	***	***	***	034	******	405	42	544	447	97	PERSONAL PROPERTY.

	AR	TICLE	8.		P.E.	1	1899.	11/200	1898.	2	COTAL.		1
1/4/90 (E-0)		-				Up.	Down	Up.	Down.	1899.	1898	Increase.	Decrease
							An or a				1.		1
Saltpetre, &c						Tons.	Tons.	-		7	1.5	-	
Saltpotro						3	Tons.	Tons.	Tons.	Tons.	Tons.		1
Other saline	sub	tance	8 .			. 1			1		Tons.	Tons.	Tons.
Foreign						******	******		*****	1		1	1
Indian-	**					.1	1 37 77	1	******	******	******		******
Silk piece-goods-				0.100		******	******		******		1		******
Foreign							18 6 19 19	100		*****	******	******	******
Indian-	***	**					******	100		1	1		******
Spices-						1			*****				
Betel-nuts Pepper	***		***				1000		1		******	******	*****
Gingen	***	***			***		317		217			1 1	
Chillies	***	***	***			******			217	317	217	100	
Cardamoms		***	***	***		3	******			1	******	******	******
Others	***	***	***	***	***		21	1	20	24		1	*****
Stone and lime	***	***	***	***	***	9	52	******	******		21	3	*****
Sugar-	Transport of the Park			***	***	46	28	19	15	- 61	23		******
Rofined	4.0 8	1.						10	17	74	36	38 38	******
Refined or cr.	ystall	ized,	includ	ing su	ger-	40	20 2.50	1	1		1	38	******
Unrefined vi		-1			Geer -	48	******	33		100		1 1	
Unrefined, vi-	er, m	chemic	sand	jagger	y or	85	744			48	<i>y</i> 33	15	*****
	or but	CHAPL	de pro	duce.			799	71	223	829	294		*****
Ballast stone	***		***			v / ^ .					234	535	*****
Indian	***	***	***	***	•••	491	******	270				1	
obacco	***	***	***	***	***		*****			491	270	221	
Unmanufacture	a				***	52	1	23	******	******	******		*****
Manufactured -	u	***	***	***		166				53	23	30	******
Cigars						100	64	127	60	230	3.00	- 1	******
Other sorts	***	***	***	***	***					200	187	43	******
001-			***	***	***	******	2	1	*****				
Row							-	1	******	2	1	******	******
Manufactured-	***	***	***	***		1	. 1		- 1		- 1	1	*****
Carpets and re	1000					******		*****		- 1	Į	1	
riece-goods, E	nga ngan	in n	***	***			1			*****	******		
			***	***			*****	******					******
			Pog	***				******	******			******	
other articles of	merci	nandi	8e	***	***					*****	******	******	******
				***	***	154	168	41	******	*****		***	*****
					1.			-	240	322	281	41	******
			T_0	tal		3,297	0.000					71	******
						0,201	6,078	3,368	1,880	9,375	5,248		
Name and Address of the Address of t												5,173	

CALCUTTA, the 21st July 1899.

T. Siddle,

Auditor.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for the first 8 days of July 1899 on 1,712.25 miles open.

	COACHIE	G TRAFFIC.		AND MINERAL	Other earnings	Total	TRAFFIC	TRAIN-MII	Es RUN.
-	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Total.
Total traffic for the period Or per mile of railway For previous weeks of half- year Total for 1½ weeks OOMPARISON.	(a) 411,593 411,593	88. A. P. (a) 4,09,114 5 0 238 14 11 4,09,114 5 0	MDS. s. 47,48,711 20 47,48,711 20	Rs. A. P. (b) 8,09,802 10 0 472 15 2 8,09,802 10 0	Rs. A. P. (c) 17,051 0 0 9 15 4	Rs. A. P. 12,35,967 15 0 721 13 5 12,35,967 15 0	107,670	198,816	306,486
Total for corresponding 9 days of previous year printed frailway corresponding period of previous year Total for corresponding 13 weeks of previous year	415,914½ 415,914½	3,89,431 11 10 228 6 4 3,89,431 11 10	51,23,452 0 51,23,452 0	9,90,294 7 3 580 12 7 9,90,294 7 3	23,833 15 9 13 15 8 23,833 15 9	14,03,560 2 10 823 2 7 14,03,560 2 10	117,973 	216,454	334,427 334,427

(a) The increase is due to movements of pilgrims and marriage parties, chiefly from stations in A. and B. districts.
(b) Deducted Rs. 32,864, being the estimated amount of rebate on coal for the period.
(b) The decrease is chiefly in grain and seed traffic from stations in B. and C. districts.
(c) Payments on account of mileage and demurrage, being more than the receipts, nothing is included.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for the first 8 days of July 1899 on 22.23 miles open

	COACHIN	G TRAFFIC.	MERCHANDISE TRA	AND MINERAL	Other earnings		TRAFFIC	TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	Total earnings.	Coaching.	Merchan- dise.	1,36	
Total traffic for the period Dr per mile of railway For previous weeks of half- year Total for 1; weeks COMPARISON.	(a) 22,820 22,820	Rs. A. P. (a)5,387 2 0 242 5 5 5,387 2 0	MDS. 8. 10,155 30 10,155 30	Rs. A. P. 333 0 0 14 15 8 333 0 0	Rs. A. P. 11 0 0 0 7 11 11 0 0	Rs. A. P. 5,731 2 0 257 13 0 5,731 2 0	1,233	131		
otal for corresponding 9 days of previous year er mile of railway correspond- ing period of previous year otal for corresponding 13 weeks of previous year	32,929 32,929	7,826 1 1 352 0 10 7,826 1 1	10,521 20 10,521 20	420 9 0 18 14 8 420 9 0	5 0 3 0 3 7 5 0 3	8,251 10 4 371 3 1 8,251 10 4	1,514 	70	1,584	

(a) The decrease is due to the moon eclipse in the corresponding period of 1898.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the first 8 days of July 1899 on 162:24 miles of

	COACHING	TRAFFIC.	MERCHANDISE TRA	AND MINERAL	Other com		TRAFFIC	TRAIN-MILES RUN.			
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	Total earnings.	Coaching.	Merchan-	Total.		
Total traffic for the period	22,288	Rs. A. P.	MDs. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.					
For previous weeks of half-	******	17,912 4 0 110 6 6	91,248 10	9,441 6 0 58 S 1	79 0 0 0 7 10	27,432 10 0 169 1 5	8,182	3,590	11,77		
Total for 1} weeks	22,288	17,912 4 0	91,248 10	9,441 6 0	79 0 0	27,432 10 0	0.100				
COMPARISON.						2	8,182	3,590	11,77		
cotal for corresponding 9 days of previous year	25,325 25,325	18,707_11 6 115 4 11 18,707 11 6	63,760 10 63,760 10	9,052 6 0 55 12 9 9,052 6 0	60 0 3 0 5 11 60 0 3	27,820 1 9 171 7 7 27,820 1 9	8,830 8,830	3,961 	12,791		

SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for 4 days ended 8th July 1899, on 65* miles open.

Property and an arrangement	†COACHING TRAFFIC.		MERCHANDISI TRA	MERCHANDISE AND MINERAL TRAFFIC,			TRAFFIC TRAIN-MILES RUN		
	Passengers carried.	Receipts.	Weight carried.	Receipts.	Other earnings (estimated).	Total earnings.	Coaching.	Merchan-	Total
Total traffic for the period or per mile of railway For previous weeks of half-year Total for \$ weeks COMPARISON.	No. 1,397	Rs. A. P. 429 14 0 6 9 10 429 14 0	M. S. 367 0	Rs. A. P. 38 13 0 0 9 6 	Rs. A. P. 1 0 0 0 0 3	Rs. A. P. 469 11 0 7 3 7 469 11 0	860 860	dise.	860
otal for corresponding week of previous year									

Distance from Luckeeserai to Wazirganj opened for traffic on and from 5th July 1899.
 Coaching traffic commenced from 6th July 1899.

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

(Worked by the B.-N.-W. Railway.)

Audited Return of Traffic for week ending 27th May 1899 on 18 miles open.

	COACHIN	G TRAFFIC.	MERCHANDIST TRA	FFIC.			TRAPPIO	(Tr.)	
	Passengers carried.	Receipts,	Weight carried.	Receipts.	Other earnings (estimated).	Total earnings.	Coaching.	TRAIN-MIL	1
Total traffic for the week on 18 miles open	No. 752 41.78 12,186 12,938	Rs. A. P. 266 3 3 14 12 8 2,818 8 5 3,084 11 8	MDS. 10,698 594.33 99,065 109,763	Rs. A. P. 141 1 0 7 13 5 2,989 14 0 3,130 15 0	Rs. A. P. 2 12 0 0 2 5 71 13 0 74 9 0	Rs. A. P. 410 0 3 22 12 6 5,880 3 5 6,290 3 8	300 4,726 5,026	168 2,310 2,478	468 7,036
Total for corresponding week of previous year on miles open per mile of corresponding week of previous year				******* ******					

BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

Approximate Return of Traffic and mileage for the first 8 days of July 1899 on 125 miles open.

A Company of the Comp	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.				TRAPET	TRAIN-MILI	
Color Color	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	Other earnings.	Total earnings.	Coaching.	Merchan-	Total.
of July of Protein of railway per week or previous weeks of haif- year Total for 1 week	47,170 330	Rs. A. P. 16,231 0 0 114 0 0	MDs. s. 81,243 0 569 0	Rs. A. P. 4,956 0 0 35 0 0	Rs. A. P. 369 0 0 2 0 0	Rs. A. P. 21,556 0 0 151 0 0	5,785	3,011	8,7
COMPARISON.	47,170	16,231 0 0	81,243 0	4,956 0 0	369 0 0	21,556 0 0	5,785	3,011	8,7
ral for corresponding 9 days of previous year	50,953 317 50,953	16,179 0 0 101 0 0 16,179 0 0	68,937 0 429 0 68,937 0	4,255 0 0 26 0 0 4,255 0 0	1,070 0 0 7 0 0 1,070 0 0	21,504 0 0 134 0 0 21,504 0 0	5,456	3,531	8,98

BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the first 8 days of July 1899 on 1,082 miles open.

	COACHING	COACHING TRAFFIC.		PFIC.	Other earnings (estimated),	Total	TRAPPIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts	Weight carried.	Receipts.	including steam-boat.	earnings.	Coaching.	Merchan- dise.	Total.
* Total traffic for the period on		Rs.	Mps.	Rs.	Rs.	Rs.	17.42.91.3		test Signif
1,082 miles open Or per mile of railway For previous Nil weeks of half-	146,400 135°30	(a)61,940 57°25	6,07,030 561'03	(b)82,930 76.64	(a)23,800 22.00	(a)1,68,670 155.89	29,290	(c)36,106	65,89
уевт						•••••			******
Total for 11 week	146,400	61,940	6,07,030	82,930	23,800	1,68,670	29,290	86,106	65,39
COMPARISON.									
Total for corresponding period of previous year on 925 miles									10/2
Per mile of railway correspond-	149,804	54,389	6,76,078	88,066	18,273	1,60,728	27,615	(d)33,300	60,91
ing period of previous year Total to corresponding date of	161.95	\$8.80	730.90	95*21	19.75	173.76			
previous year	149,804	54,389	6,76,078	88,066	18,273	1,60,728	27,615	33,300	60,91

a) Increase is due to increased mileage.
b) Decrease is due to lesser traffic carried owing to rain.
c) Includes 5,200 miles of ballast trains run on open line.
d) ... 5,154 miles of ballast trains run on open line.
d) ... 5,154 miles of ballast trains run on open line.
Note.—Sections of the line between Chand Diara Ghat and Bansdih Rosd and Aunrihar and Benares Cantonment closed from 15th June and 3rd July 1899 ely owing to breaches. The earnings of 21 stations have been estimated in the Audit Office, as return were not received in time.

ASSAM-BENGAL RAILWAY.

Approximate Return of Traffic for the first 8 days of July 1899 on 396 miles open for all descriptions of Traffic and an additional 37 miles for goods and parcels traffic only.

	COACHING	TRAFFIC.	MERCHANDISE TRAI	FFIC.	Other earnings	Total earnings.		O TRAIN-MII	ES RUN.
**	Number of passengers.	Coaching receipts.	Weight carried. Receipts.	(estimated).	Total earnings.	Coaching Merch	Merchan- dise.	Total.	
		Rs. A. P.	Mps. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			- 4
Total traffic for the week Or per mile of railway For previous weeks of half- year	28,907 73°00	17,411 0 0 43.97	3,02,026 0 697-52	14,283 0 0 32.99	473 0 0 1.09	32,167 0 0 78.05	8,943 9*96	8,930 20.62	12,873 30°58
Total for 1 week	28,907	17,411 0 0	3,02,026 0	14,283 0 0	473 0 0	32,167 0 0	3,943	8,930	12,87
COMPARISON.							\$7 a		
Total for corresponding week of previous year Per mile of railway correspond-	27,520	15,086 0 0	3,26,395 0	14,657 0 0	306 0 0	30,049 0 0	3,898	6,292	10,18
ing week of previous year Total to corresponding date of previous year	96°90 27,520	53°12 15,086 0 0	1,113.98 3,26,395 0	50*02 14,657 0 0	306 0 0	104°18 30,049 0 0	13.69 3,888	21°47 6,292	35.1

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

RECEIPTS FOR WEEK ENDING STH JULY 1899.			RECEIPTS FOR WEEK ENDING 9TH JULY 1898.			TOTAL RECEIPTS FROM 1ST APRIL 1899 TO 8TH JULY 1899.			TOTAL RECEIPTS FROM 1ST APRIL 1898 TO 9TH JULY 1898.			Total To	
Mean mileage worked.	Receipts.		Mean mileage worked.	Receipts.		Mean mileage worked.			Mean mileage worked.	Total receipts.	Per mile worked per week.	increase in 1899.	decrease in 1899.
433	Rs. 32,167	Rs. 78.05	293	Rs. 30,049	Rs. 104·18	433	Rs. 4,14,085		293	Rs. 3,68,974		Rs. 45,111	

ASSAM-BENGAL RAILWAY.

Approximate Return of Traffic for the week ended 15th July 1899 on 396 miles open for all descriptions of Traffic and an additional 37 miles for goods and parcels traffic only.

His ray on the second of	COACHING	TRAFFIC.	MERCHANDIS TRA	E AND MINERAL	Other earnings		TRAFFIC	TRAIN-MIL	s RUN.
A CONTRACTOR OF THE STATE OF TH	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	Total earnings.	Coaching.	Merchan- dise.	Total.
		Rs. A. P.	Mos. s	. Rs. A. P.	Rs. A. P.	Rs. A. P.			- 8
Total traffic for the week Or per mile of railway For previous 1 week of half-	26,511 66.95	14,630 0 0 36.94	2,48,746 574'47	11,141 0 0 25.73	520 0 0 1°20	26,291 0 0 63.87	3,975 10:04	7,501 17.32	11,476 27:36
year	28,907	17,411 0	3,02,026	14,283 0 0	473 0 0	32,167 0 0	3.943	8,930	12,873
Total for 2 weeks	55,418	32,041 0 0	5,50,772	25,424 0 0	993 0 0	58,458 0 0	7,918	16,431	24,349
COMPARISON.									21,045
Total for corresponding week of previous year Per mile of railway correspond-	19,441	10,102 0 0	2,40,434 0	10,664 0 0	381 0 0	21,147 0 0	2,569	5,206	7,775
ing week of previous year Total to corresponding date of	68.45	35.57	820.59	36.40	1.30	73.27	9.05	17:77	26.82
previous year	46,961	25,188 0 0	5,66,829 0	25,321 0 0	687 0 0	51,196 0 0	6,457	11,498	17,955

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

Mean mileage worked.	Per mile	Mean mileage		Per	Mean	1	Per	1		. 7	Total increase in	Total decrease in
	worked.	worked.	Receipts.	mile worked.	mileage		worked per week.	Mean mileage worked	Total réceipts.	Per mile worked per week.	1899.	1899.
Rs. 26,291	Rs. 63.87	293	Rs. 21,147	Rs. 73*27	433	Rs. 4,40,376			Rs.	, and an	Rs.	

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

				-		_
Increase	***		***	538	0	0
and observe postering period of 1888	•••	***	•••	27,374	0	0
Receipts from 1st July to 15th July 1893 Ditto for the corresponding period of 1898	•••			27,912	0	0
Increase	•••			0	7	10
2100 191 the corresponding period of 1898	***	***	***	247	б	3
Receipts per mile for the week ending 15th July 1899 Ditto for the corresponding period of 1898	•••	•••		247	14	1
Increase		***		25	0	0
to the corresponding period of 1888	•••	•••	•••	12,617	0	0
Approximate earnings for the week ending 15th July 1 Ditto for the corresponding period of 1898	1899			$\frac{\mathrm{Rs.}}{12,642}$	0	P.



SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 2, 1899.

OFFICIAL PAPERS.

[Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.]

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25rd to 29th July 1899	1308	Weekly return of Traffic Receipts on Indian Bailwa	Ays	1310

WEATHER AND CROP REPORT.

For the week ending the 31st July 1899.

Burdwan.—Rainfall at Sadar 5.94, Kalna 2.95, Katwa 2.03, Raniganj 4.32. Weather cloudy. Transplantation of aman paddy continues. Standing crops doing well. Fodder and water sufficient. Cattle-disease in Katwa worse than in previous week. Common rice selling as follows:—

0.3				Srs.	
Sadar Kalna	•••	•••	•••	16	1
Katwa	•••	•••	***		1000
Raniganj	***	•••	•••	15 16½	per rupee.
reamgan	•••	•••		16)

Birbhum.—Rainfall at Sadar 3.70, Rampur Hât 2.49. Weather seasonable. Transplantation of paddy seedlings in progress. Price of common rice at Sadar 18 seers and at Rampur Hât 17½ seers per rupee. Fodder sufficient. No cattle-disease.

Bankura.—Rainfall at Bankura 3.11, Vishnupur 1.56. Weather hot with occasional showers. Transplantation not yet finished. Fodder and water sufficient. Sporadic cases of cow-pox reported. Rice selling at Bankura 17½ seers and at Vishnupur 17½ seers per rupee.

Midnapore.—Rainfall at Sadar 4.04, Contai 1.60, Tamluk 3.58, Ghatal 6.30. The whole of the Contai subdivision overflooded by excessive rain; fields still under water; water passing slowly; agricultural operations resumed on jalpai lands and high lands; prospects

not favourable in other subdivisions. Prospects of sugarcane, jute and flax good. Cattle-disease reported from Salboni police-station. Locusts appeared in some places in Pingla outpost. Common rice sells as follows:—

				ors.	
Sadar				15	1
Contai	•••		•••	$\frac{16\frac{1}{4}}{12}$	per rupee.
Tamluk					(per rupee.
Ghatal	17.13	1 / 14.	1.4	16)

Hooghly.—Rainfall at Sadar 2.56, Serampore 3.24, Jahanabad 3.58. Some damage to jute and aus paddy caused by excessive rain. Transplantation of aman paddy continues on high lands. Common rice sells at 14 seers 5 chitaks per rupee.

Howrah.—Rainfall at Sadar 1.95, Ulubaria 2.60. Weather hot and cloudy with occasional showers. Transplantation of aman going on slowly on account of heavy rainfall. In places in Ulubaria, where seedlings were damaged, attempts are being made to grow new seedlings. Prospects fair, but depend a good deal on setting a break now. Fodder and water sufficient. Common rice sells at 14 seers per rupee.

24-Parganas.—Rainfall at Sadar 1.72, Barasat 3.31, Basirhat 2.17, Diamond Harbour 2.37. Weather cloudy with occasional rain. Transplantation of aman much retarded by heavy rain, especially in the Diamond Harbour subdivision, where also great quantity of seedlings have been destroyed. Cattle-pox reported from Baduria in the Basirhat subdivision. Fodder and water sufficient. Common rice sells as follows:—

						8r	8.		- mac/1
Sadar			•••	••	13	to	16	1	
Barasat							151	1	
Basirhat							1813	per	rupee.
Diamond	${f Harbour}$			••			141)	

Nadia.—Rainfall at Sadar 5.54, Kushtia 3.41, Meherpur 3.10, Chuadanga 5.23, Ranaghat 4.05. Weather cloudy and rainy. Transplantation of aman continues. River rising fast. Aus crop on low lands being damaged by excessive rain. Fodder and water sufficient. Price of common rice stationary.

Murshidabad.—Rainfall at Sadar 2.26, Jangipur 4.59. Weather hot Bhadoi is being reaped in some places. Indigo, mulberry, and sugarcane not doing well on account of excessive rain. General prospects of paddy good. Rain has done some injury to the crops. No cattle-disease reported. Common rice sells at Sadar 15 seers per rupee.

Jessore.—Rainfall at Sadar 4.76, Jhenida 2.58, Magura 3.76, Narail 4.88, Bangaon 5.94. Weather cloudy and rainy. Weeding of paddy nearly completed. Insects and rain damaging the paddy. Prospects of crop not good. Rivers are rising fast. Cattle-disease reported from Bangaon subdivision. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar		14440	5 5r . • o x	16	1
Jhenida		***		16	1 754 O 10 TU ST ST
Magura	***	***		17	per rupee.
Narail	•••	•••	•••	16	
Bangaon	***	•••		17	

Khulna.—Rainfall at Sadar 3.51, Bagirhat 4.17, Satkhira 1.96. Weather hot and cloudy, with occasional rain. Cultivation for and transplanting of aman going on. Insects damaging paddy in the Sadar and Bagirhat subdivisions. Fodder and water sufficient. Cattle-disease reported from Bagirhat and Rampal. Common rice selling as follows:—

Lildhere e ima n				Srs.	
Sadar	***	***	***	20	36 April 25 4
Bagirhat Satkhira	and the things of	100	nn er (***	17	per rupee.
Batkhira	***	•••	***	171)

Rajshahi.—Rainfall at Sadar 4.61, Nator 6.43, Naugaon 8.7. Heavy rain and flood causing damage to aus and jute crops on low lands. Cattle-pox reported from two villages in thana Lalpur. Fodder and water ample. Common rice selling at 16 seers 15 chitaks per rupee.

Dinajpur.—Average rainfall 9.17. Weather seasonable. Haimanti paddy being transplanted. Steeping of jute commenced. Cattle-disease reported from five thanas. Fodder and drinking-water plentiful. Common rice 17 seers per rupee.

Jalpaiguri.—Rainfall at Sadar 4.50, Alipur Duars 10.65. Weather hot and cloudy. Jute and bhadoi paddy are being cut in some places. Transplantation of haimanti paddy still going on. Fodder and water ample. Common rice sells at 14 seers per rupee.

Darjeeling.—Rainfall at Darjeeling 16:80, Kalimpong 11:79, Siliguri 8:93. Weather seasonable. Hills—Haimanti paddy and bara marua being transplanted; bhutta, bhadoi paddy and chota marua progressing and promise well. Terai—Jamira paddy being reaped; haimanti paddy being transplanted; bhadoi, jute, and sugarcane doing well. Coarse rice

Spiller W Terai per rupee. ...

Bhutta sells at Darjeeling 25 seers and at Kalimpong 40 seers per rupee.

Rangpur.—Rainfall at Sadar 4 77, Kurigram 5 19, Nilphamari 5 54, Gaibanda 7 23. Weather hot and rainy. Transplantation of winter rice and cutting of jute going on. Prospects good. Common rice selling at 17½ seers per rupee. Fodder and water sufficient. Cattle-disease prevailing in some villages in than Jaldhaka.

Bogra.—Average rainfall 9.56. Cutting of aus and jute and transplanting of aman going on. Prospects good. Fodder and water sufficient. Common rice selling at 18

Pabna.—Rainfall at Sadar 3.77, Sirajganj 5.00. Weather rainy. Excessive rainfall has done some damage to the lowland paddy; otherwise prospects good. Aus being harvested. Price of common rice 16 seers 3 chitaks per rupee.

Dacca.—Rainfall at Sadar 4.72, Manikganj 4.35, Munshiganj 3.30, Narainganj 3.33. Weather seasonable. Prospects of crops fair. No cattle-disease. Fodder available. Common rice 18 seers per rupee.

Mymensingh.—Rainfall at Sadar 9.88, Kishorganj 8.68, Tangail 1.28, Netrokona 9.99, Jamalpur 12.04. Weather rainy. Prospects of crops good. Condition of cattle good. Fodder and water-supply ample. Common rice sells as follows:—

Srs. Sadar Kishorganj 100 20 ... Netrokona 241 Tangail ... per rupee. 173 Jamalpur ... 16

Faridpur.—Rainfall at Sadar 5.45, Goalundo 4.38, Madaripur 4.82. Weather cool: very rainy and damp. Aus being reaped. Too much rain spoiling crops in the beel country. Prospects fair. Common rice sells at 18 seers a rupee.

Backergunge.—Rainfall at Sadar 3:03. Weather seasonable. Prospects of crops fair except for insects in places. Common rice sells at 17 seers per rupee.

Tippera.—Rainfall at Sadar 3.53, Brahmanbaria 3.35, Chandpur 7.44. Weather seasonable. Cutting of jute and aus paddy continues. Aman doing well. Slight damage to crops by insects reported in Chandpur. Average price of common rice 20 seers per

Noakhali.—Rainfall at Sadar 13.77, Feni 13.83. Prospects fair. Transplantation of aman going on. Cattle-disease (damka) reported from Chagalnaiya. Fodder and water sufficient. Price of common rice — aus 19 seers and aman 16½ seers per rupee.

Chittagong.-Rainfall 12.57. Weather seasonable. Aus being reaped and aman cultivated. Prospects good. Common rice 15 seers per rupee. Water and fodder sufficient.

Patna.—Rainfall at Sadar 2·14, Dinapore 3·07, Bikram 3·92, Hilsa 3·65, Barh 2·57, Bihar 3·68. The excessive rainfall during the month has caused much damage to the bhadoi crops. Almost all diarah lands have been flooded. No eattle-disease. Green fodder plentiful. Common rice in Patna sells at 16 seers per rupee.

Gaya.—Rainfall at Gaya 4.32, Jahanabad 2.59, Aurangabad 2.17, Nawada 1.27. Transplantation of paddy commenced. Bhadoi suffered much from incessant rain. Common rice selling at 14 seers per rupee.

Shahabad.—Rainfall at Sadar 5.39, Buxar 10.31, Bhabua 11.50, Sasaram 10.64. Bhadoi seriously damaged. Sugarcane has also suffered from continual rain. Paddy seedlings also slightly damaged in Buxar subdivision. Sunshine much wanted. Fodder and water abundant.

Saran.—Rainfall at Sadar 2.70, Siwan 5.00, Gopalganj 7.35. Weather rainy and cloudy. Excessive rain damaging the prospects of bhadoi crops. Transplantation of paddy going on. Average prices—common rice 14.5 seers and makai 21.4 seers, against 13.3 seers and 19.9 seers, normal rates, respectively.

Champaran.—Rainfall at Motihari 7.78, Bettiah 18.98, Barharwa 5.47, Bagaha 13.30. Bhadoi crops considerably damaged by excessive rainfall. Weeding commenced during latter part of week. Paddy transplantation progressing; prospects good.

Muzaffarpur.—Rainfall at Sadar 5.87, Hajipur 1.79, Sitamarhi 4.73. Bhadoi crops being damaged by continuous rain. Paddy being transplanted where practicable. Prices are—Common rice 12 seers, wheat 16 seers, barley 22½ seers, makai 20 seers, gram 22 seers, and rahar 22 seers per rupee.

Darbhanga.—Weather cloudy and rainy. Rainfall at Sadar 4·14, Samastipur 5·62, Madhubani 8·53. Some break in the rains since last two days. Bhadoi crops deteriorating for want of weeding, and they have been damaged by the heavy and continual rain. Cessation of rain is badly wanted. Common rice selling at Sadar 11 seers per rupee. Fodder and water sufficient.

Monghyr.—Rainfall at Monghyr 4.98, Begusarai 5.38, Jamui 10.55. Weather very rainy. Transplantation of marua and winter rice going on. Bhadoi crops seriously damaged by incessant rain. Gessation of rain urgently needed. Prices of food-grains slightly rising. Common rice sells as follows;—

				Srs.	ch.	
Monghyr	***	•••	•••	13	5)	
Begusarai Jamui	•••	***	•••	14	0 {	per rupee.
Jamui	***		***	14	0)	

Bhagalpur.—Weather wet and warm. Rainfall at Sadar 4:30, Banka 9:51, Madhipura 6:14, Supaul 7:82. Prospects of bhadoi crops not improved. Great damage reported from Banka. Fodder available. Prices rising.

Purnea.—Rainfall at Sadar 4.05, Kishanganj 8.83, Araria 9.52. Weather seasonable. Standing crops doing well. Harvesting of early-sown bhadoi going on, though much impeded by heavy downpour. Transplantation of aghani continues. No cattle-disease. Fodder and water sufficient. Common rice sells at Sadar, Kishanganj and Araria 15 seers per rupee.

Malda.—Rainfall at Sadar 6·13, Chanchal 7·90, Shibganj 6·12, Gajol 5·81. Weather cloudy and rainy. Bhadoi paddy coming into maturity. Winter rice being transplanted. Low-land bhadoi crops greatly damaged by inundation. Ordinary rice selling at 16 seers per rupee. Fodder sufficient,

Sonthal Parganas.—Weather showery. Paddy flourishing. Indian-corn suffering from excessive moisture. Some cattle-disease. Fodder sufficient. Average prices—common rice 15 seers and Indian-corn 21½ seers per rupee.

Cuttack.—Rainfall at Sadar '63, Jajpur 1'03, Kendrapara '39, Banki '29, False Point '45. Weather seasonable. Sarad, jute, and sugarcane growing. Beali in ear. Condition of cattle generally good. Fodder and water sufficient. Common rice sells as follows:—

				8.	ch.	
Cuttack		•••		17	1	1
Jajpur Kendrapara	***	***	***	17	1	per rupee.
Kendrapara	•••	***	•••	19	11	per rupee.
Banki	•••	•••		17	15)

Balasore.—Rainfall at Sadar 2.93. Sugarcane thriving well. Weeding of aus paddy and reploughing of sarad paddy going on. Rice sells at 18 seers per rupee in the interior, and 16 seers at Balasore and Bhadrak. Fodder and water sufficient.

Angul.—Rainfall at Angul '50, Khondmals '66. More rain wanted in both subdivisions for timely puddling and transplantation of paddy, which have been retarded. Common rice sells at Angul 24 seers and Khondmals 13½ seers per rupee.

Puri.—Rainfall at Sadar *88, Khurda 3.39. Rain badly wanted for puddling of sarad and growth of beali, especially in Sadar subdivision. Condition of mandia and sugarcane good. Fodder and water sufficient. Cattle-disease continues. Common rice sells as follows:—

				D. (cn.	
Puri		1960		17	0	1
Khurda	Baker See			17	1	per rupee.
Interior of the	district		***	18	2	1

Hazaribagh.—Rainfall at Sadar 5.28, Giridih 4.05. Weather seasonable. Transplantation in progress. Common rice sells at 14 seers per rupee.

Ranchi.—Rainfall '73. Weather seasonable. Prospects of crops good. Transplanting in progress. Rice sells at Ranchi 15 seers per rupee and in the interior 18½ seers per rupee. Health of cattle good. Fodder and water plentiful.

Palamau.—Rainfall 1.36. Weather hot. Transplantation of paddy going on. Makai has suffered from rain. Other crops doing well. Rice sells at 16 seers per rupee.

Manbhum.—Rainfall at Sadar 1.65, Gobindpur '74. Weather seasonable. Prospects of crops generally good. Cattle-disease reported from thanas Topchanchi and Tundi. Fodder and water sufficient. Average price of common rice at Sadar 18 seers 5 chitaks and at Gobindpur 16 seers per rupee. Supply sufficient.

Singbhum.—Rainfall 59. Prospects good. More rain wanted. Common rice sells at 17 seers 11 chitaks per rupee.

General Summary.—The rainfall during the week was general, and in parts of Bengal Proper and Bihar excessive. In Orissa more rain is still required. The excessive rain has continued to cause considerable damage to the bhadoi crops in the Patna and Bhagalpur Divisions, and the early rice and jute in some parts of the Presidency and Burdwan Divisions have suffered. Prospects are good in the Dacca and Chittagong Divisions, and fair in the Rajshahi Division. Cattle-disease still exists in several districts. Fodder is everywhere sufficient. Prices of common rice are reported to have risen in a few districts.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secretary to the Govt. of Bengal.

Revenue Department, The 1st August 1899. Results of the Meteorological Observations taken at the Alipore Observatory from 23rd to 29th July 1899.

			Jo 81	meter		Темре	RATURI	е.		Hygron	IETRY.		WIND,			
Month	Date.	Maximum in sun,	Number of hours bright sunshine,	Mean pressure barometer at 32° Fahr.	Mean.	Maximum,	Range.	Minimum,	Mean wet bulb,	Vapour tension.	Dew point,	Humidity.	Prevailing direction.	Miles recorded,	Rain.	WEATHER,
1899.		0		Inches.	0	0	0	0	0	Inches		1%			Inches.	
July	23rd	144.4	6.6	29.627	84.9	90•4	11.1	79.3	82.1	1.063	81.1	89	ssw	117.	Nil	Partially cloud
**	24th	147-2	1.6	⁺ 585	85•3	91.3	10.8	80.5	82.4	1.070	81.3	88	SSW and SW	148	0.07	Chiefly cloudy, d, t, p.
"	25th	120.6	Nil	•562	81.8	85.7	7.1	78.6	79.8	0.994	79.0	91	WSW and calm	72	0.37	Cloudy, o, d, p.
"	26th	101.1	,,,	•609	80.3	83.1	6.3	76.8	78.8	•967	78.2	93	WSW, S by E, and variable.	61	0.31	Cloudy, o, d, p.
,,	27th	148.7	0.4	· 6 72	83-9	90.0	14.4	75.6	81.7	1.060	81.0	91	SSW and SW by	71	0.08	Chiefly cloudy,
	28th	147.7	3.4	•665	85.5	92•4	12.2	80•2	82.4	1.071	81.3	88	SW by S and SW	69	0.25	Chiefly cloudy, d, p, t.
"	29th	143-1	0.1	•652	83-6	91.1	14 9	76.2	80.7	1.010	79.5	87	Calm and variable	39	0.37	Chiefly cloudy, o
The	e tota	erage Office Il nun ximun	press	f hours	the s of b	right of h	spond suns	hine	•••		24 y		s, Surveyor-Gen	eral'	. 2	9.625 9.532 Bours. 12.1 92.5
The	ave	in ten erage dener	temp	erature	the se	the	lays corres	pond	ing 1	period	for	-	years, Surve	yor-		83.6
Th				ion of	temp	eratu	re					•	•••	•••		83-1
				peratur			•••		•••			•	•••	***		16 8 92·4
Th	e hig	hest v	elocit	y of th	e win	d in	one h	our								Miles.
									•••		***		•••	***		11
	ave	erage	rela	humidi tive h e n eral's	umid		of t	he d		pondi	ng '	peri	od for 24 y	ears,	1. O. P. P. P. Y.	98
***									•••		•••	•	•••	•••		87
The	ave	rage office	fall	of the	corr	espon	ding	perio	899 od fo	r 24	yes		Surveyor-Gene	ral's		Inches. 1.45
The	tota	l fall	from	1st Jan	nuary	to 29	th Ju	ly 18	99		• • • • • • • • • • • • • • • • • • • •			•••		3.30
The	ave	rage	fall	of the	corre	spon	ding	perio	d fo	or 24	уев	ars,	Surveyor-Gene	eral's		50.82
	U	HUG											es of the Baro			33·41 Thorms

of the Barograph and Thermograph, and from observations made at 6h., 10h., 16h., and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the They are exposed under a thatched shed open at the sides, and are suspended four feet

above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86,

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; d, drizzling rain; p, passing temporary showers; t, thunder; <, lightning.

METEOROLOGICAL OFFICE, GOVT. OF INDIA, Calcutta, the 31st July 1899.

G. W. KUCHLER, For Meteorological Reporter to the Govt. of India.

SUPPLEMENT TO THE CALOUTTA GAZETTE, AUGUST 2, 1899. 1309

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 29th July 1899, as compared with the corresponding week of the previous year.

NATURI	OF CARGO.	WERK E	NDING SATURE TH JULY 1899.	DAY, THE	WEEK BN	DING SATURD TH JULY 1898	AY, THE
Aller of the second		Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
		No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy Jute Firewood Other articles		613 14 37 679	72,400 6,350 26,000 1,79,735	1,113 75 388 2,227	288 16 32 556	29,100 6,925 24,775 1,33,160	42 12 37 1,73
	Total	 1,343	2,84,485	3,803	892	1,93,960	2,65

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for the week ended 15th July 1899 on 1,712.25 miles open.

A SANS CONTRACTOR OF THE CONTR	COACHIN	G TRAFFIC.	MERCHANDISE TRA	AND MINERAL	Other earnings	Total	TRAFFIC	TRAIN-MIL	ES RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Total,
Total traffic for the week Or per mile of railway For previous 14 weeks of half-year	(a) 350,831 411,593	Bs. A. P. (a) 3,99,130 14 0 192 3 6 4,09,114 5 0 7,38,245 3 0	40,51,867 30 47,48,711 20	Rs. A. P. (b) 6,87,985 6 0 401 12 10 8,09,802 10 0 14,97,788 0 0	Rs. A. F. (c) 14,275 0 0 8 5 5 17,051 0 0 31,326 0 0	Rs. A. P. 10,31,391 4 0 602 5 9 12,35,967 15 0 22,67,359 3 0	94,950 107,670 2,02,620	161,009 198,816 859,825	255,959 306,486 562,444
Comparison. Total for corresponding week of previous year Per mile of railway corresponding period of previous year Total for corresponding 2 weeks of previous year	295,0634	3,00,052 14 4 175 15 7 6,89,484 10 2	40,71,128 10	7,46,020 7 2 437 8 5 17,36,314 14 5		10,65,138 12 9 624 10 11 24,68,698 15 7	90,778	156,761 373,215	247,53 581,96

(a) The increase is in outward traffic, chiefly from stations in A and C districts, on account of Ruth Jatra and movements of marriage parties.
 (b) Deducted Rs. 28,756, being the estimated amount of rebate on coal for the week.
 (c) Payments on account of mileage and demurrage being more than the receipts, nothing is included.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for the week ended 15th July 1899 on 22.23 miles open.

	COACHING	TRAFFIC		MERCHAND	RAF	ND MINI	BRA		041			Totalear		_	TRAFFIC	TRAIN-MILI	s RUN.
	Number of passengers.	Coachir		Weight carried.		Receip	ts.		Other ear (estima)			rotalear	nın	ıga,	Coaching.	Merchan- dise.	Total.
	1	Rs. A	. P.	Mps.	8.	Rs.	۸.	P.	Rs.	۸.	P.	Rs.	۸.	P.			
Total traffic for the week Or per mile of railway	19,901	4,673 210	8 0	6,571	0		97	0		0 5		4,913 221	10		1,071	117	1,18
For previous 1 weeks of half- year	22,820	5,387	2 0	10,155	30	333	0	0	11	0	0	5,731	2	0	1,233	131	1,36
Total for 2} weeks	42,721	10,060	0 0	16,726	30	565	9	0	18	0	0	10,644	3	0	2,304	248	2,55
COMPARISON.																eras essua esta culta esta esta esta	
Total for corresponding week of previous year Per mile of railway correspond-	21,922}	4,830	1 11	6,891	20	811				11		5,155			1,101	87	1,18
ing week of previous year Total for corresponding 2?		217	4 6			14	0	5	0	9	10	231			*****	******	
weeks of previous year	54,8511	12,656	3 0	17,413	0	732	6	0	18	12	0	13,407	5	0	2,615	157	2,7

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the week ended 15th July 1899 on 162.24 miles open-

	COACHING	TRAFFIC.	MERCHANDISE A	FIC.	Other earnings	Total namings	TRAFFIC	TRAIN-MILI	38 RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	total earnings.	Coaching.	Merchan- dise.	Total.
The second of th		Rs. A. P.	Mps. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway	20,808	17,308 8 0 106 10 11	76,049 10	8,662 12 0 53 6 4	70 0 0 0 6 11	26,041 4 0 160 8 2	7,096	3,188	10,28
For previous 1; weeks of half-	22,288	17,912 4 0	91,248 10	9,441 6 0	79 0 0	27,432 10 0	8,182	3,590	11,77
Total for 2) weeks	43,096	85,220 12 0	1,67,297 20	18,104 2 0	149 0 0	53,473 14 0	15,278	6,778	22,05
COMPARISON.									
Total for corresponding week of previous year	18,428	14,901 4 1	50,032 0	7,660 8 0	50 6 9	22,611 13 10	7,304	3,043	10,84
ing week of previous year		91 13 7	e	47 3 5	0 5 0	139 6 0			*****
Total for corresponding 27	48,758	33,608 15 7	1,13,792 10	16,712 9 0	110 7 0	50,431 15 7	16,134	7,003	23,13

⁽a) The increase is chiefly in downward passenger traffic from Umballa and Kalka,

SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for week ended 15th July 1899, on *76.85 miles open.

	†Coachin	G TRAFFIC.	MERCHANDISI TRA	E AND MINERAL	000-		TRAFFIC	TRAIN-MILI	PQ DITE
and the second s	Passengers carried.	Receipts.	Weight carried.	Receipts.	Other earnings (estimated).	Total earnings.	Coaching.	Merchan-	Total
Total traffic for the week	No. (a) 6,922	Rs. A. P, (a) 2,973 6 0	M. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.		urae.	
or previous ; week of half-year Total for 15 weeks	1,397 8,319	38 11 1 429 14 0	367, 0	14 7 7 38 13 0	11 0 0 0 2 3 1 0 0	4,096 13 0 53 4 11 469 11 0	1,164		1,16
COMPARISON.	ojota	3,403 4 0	13,985 0	1,151 4 0	12 0 0	4,566 8 0	2,024	-0	2,02
otal for corresponding week of		0 9 472	5 (Oc. 10)		2 1 1-11	120,47	1,123,0		
r mile of railway corresponding									
week of prevous year tal for corresponding weeks of previous year	C								•••
CONTROL CONTRO		*****		****					***

Mean mileage worked for the week,
 Miles 65 from Luckeeserai to Wazirganj opened for traffic from 5th July 1899,
 (a) New railway opened from 6th July 1899.

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihar Sections.)

Approximate Keturn of Traffic and Mileage for the week ended 15th July 1899 on 834 miles open.

	COACHI	SG TRAFI	ric.	MERCHANI	DISE	AND MI	NEE	1		ly 1899 on 834	1	* 1	
	Number of passengers,	Coacl		Weight carri	. 1			Other ea	rnings,	Total earnings.	TRAFFIC	TRAIN-MILE	ES RUN.
	passongers.	recej	pts.	a eight earri	ea.	Rece	pts.	dans	1000		Coaching.	Merchan- dise.	Total
Cotal traffic for the week	203,640		A. P.		Sec.	Rs.	A. P.	Rs.	A. P.	Rs. A. P.			
or previous 1 week of balf-	244	90,060		6,53,740 784		1,05,030 126	0 (0,210	0 0	2,01,300 0 0	34,500	33,165	67,6
	240,650	1,06,800	0 0	6,82,540	0	1,07,080	0 (4	0.000	2,20,440 0 0			07,0
Total for 2 weeks	444,290	1,96,860	0 0	13,36,280	0	2,12,110	0 (-	-	4,21,740 0 0	37,770	35,835	73,6
COMPARISON.		alesta National States and Sta					11.15		-	9,21,190 0 0	72,270	69,000	141,2
otal for corresponding week of previous year er mile of railway correspond- ing week of previous year otal to corresponding date of	189,996 282	80,391 98	0 0	7,74,305 947	0	1,17,104	P. 44	4,000	0 0	2,05,795 0 0	34,434	31,723	66,15
previous year	440,153	1,88,294			0	2,45,822	0 0		0 0	244 0 0 4,51,691 0 0	76,881	72,861	149,74

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N.-B., DACCA, K.-D., AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic and Mileage for the week ended 22nd July 1899 on 834 Miles open.

	COACHIN	G TRAFFIC	g	MERCHANDISE TRA	AND MINERAL	Other earnings	An are week	TRAFFIC	TRAIN-MILI	es RUN.
The second of	Number of passengers.	Coachi		Weight carried.	Receipts.	(including ferry).	Total earnings.	Coaching.	Merchan-	TOTAL
Total traffic for the week Or per mile of railway For previous 2 weeks of half-year. Total for 3 weeks COMPARISON.	195,850 235 444,290 640,140		0 0 0 0 0 0	M. s. 5,75,800 0 690 0 13,36,280 0	Rs. A. P. 1,04,340 0 0 125 0 0 2,12,110 0 0	Rs. A. P. 7,240 0 0 1 0 0 12,770 0 0	Rs. A. P. 2,05,800 0 0 239 0 0 4,21,740 0 0 6,27,540 0 0	36,000 72,270 108,270	30,219 69,000 99,219	66,216 141,270 207,489
Total for corresponding week of previous year. Per mile of railway corresponding week of previous year. Total to corresponding	181,047 221 621,200	93	0 0	7,29,727 0 892 0	1,16,576 0 0 142 0 0	7,549 0 0 2 0 0	2,00,104 0 0 237 0 0	33,367	30,651	63,918
date of previous year.	021,200	2,64,272	0	24,43,627 0	3,62,399 0 0 steamer earnings		6,51,795 0 0	1,10,948	103,412	213,600

DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 15th July 1899 on 86 miles open.

A Super super of the Super super	COACHING	TRAFFI	c.		MERCHANI		AND MIN	(B)	RAL	Othe	r		Tota	a]		TRAFFIC	TRAIN-MIL	BS RUN.
	Number of passengers.	Coach		-	Weight carried.		Receip	pts		earnin including			earnir	ıgs.		Coaching.	Merchan- dise.	Total.
		Rs.	A. 1	P.	MDs.	8.	Rs.		. P.	Rs.	۸.	P.	Rs.	٨.	P.			
Total traffic for the week Or per mile of railway For previous 1 week of half-	26,550 309	7,620 89	0 0		7,080 82	0	800 9		0	110 1	0	0	8,530 99	0	0	2,645	1,325	3,970
Year	28,290	8,820	0 (0	9,700	0	1,160	0	0	140	0	0	10,120	0	0	3,030	1,400	4,430
Total for 2 weeks	54,840	16,440	0 (0	16,780	0	1,960	0	0	250	0	0	18,650	0	0	5,675	9,725	8,400
COMPARISON.				1														
Total for corresponding week of previous year Per mile of railway correspond-	22,676	6,473	0 (25,608	0	1,691	0	0	69	0	0	8,233	0	0	2,352	2,304	4,656
ing week of previous year	264	75	0 0		298	0	20	0	0	1	0	0	96	0	0		***	***
previous year	53,491	15,490	0 0	1	58,407	0	3,621	0	0	265	0	0	19,376	0	0	5,372	5,304	10,676

DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 22nd July 1899 on 86 miles open.

	COACHING	TRAFFI	с.	MERCHANI	TRAF		ERA	L	Other eas	rni	ngs	Tota		TRAFFIC	TRAIN-MILE	s RUN.
	Number of passengers.	Coach		Weight carr	ied.	Receip	pts.	-	ferry			earnin	igs.	Coaching.	Merchan- dise.	Total.
		Rs.	А, Р,	Mps.	s.	Rs.	A. P		Rs.	۸.	P.	Rs.	A. P.	†		
Total traffic for the week Or per mile of railway For previous 2 weeks of half-year.	24,210 282 54,840	6,310 73 16,440	0 0 0 0 0 0	6,380 74 16,780	0 0	870 10 1,960	0 0)	120 2 250	0 0 0	0	7,300 85 18,650	0 0		1,186 2,725	3,878 8,400
Total for 3 weeks	79,050	22,750	0 0	23,160	0	2,830	0 (370	0	0	25,950	0 (8,367	3,911	12,278
COMPABISON.								1			1					2-216
Potal for corresponding week of previous year.	22,139	6,535	0 0	22,172	0	1,412	0 (1	77	0	0	8,024	0 0	2,399	2,333	4,732
Per mile of railway corre- sponding week of previous year.	257	76	0 0	258	0	16	0 (1	1	0.	0	93	0 0			
otal to corresponding date of previous year.	75,630	22,025	0 0	80,579	0	5,033	0 0	7	342	0	0	27,400	0 0	7,771	7,637	15,408

MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 15th July 1899 on 33 miles open.

A Committee of the Comm	COACHING	TRAFFIC.	MERCHANDISE TRAI	AND MINERAL	Other earnings.			TRAIN-MIL	BS BUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	including ferry.	Total earnings.	Coaching.	Merchan- dise.	Total.
A TOTAL TOTAL		Rs. A. P.	MDs. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway For previous 1 week of half-	2,980 90	710 0 0 22 0 0	1,330 0 40 0	100 0 0 3 0 0	10 0 0	820 0 0 25 0 0	320	660	98
year	3,180	780 0 0	1,250 0	100 0 0		880 0 0	360	792	1,10
Total for 2 weeks	6,160	1,490 0 0	2,580 0	200 0 0	10 0 0	1,700 0 0	680	1,452	2,18
COMPARISON.			*	L. S. R. SA	1000	A TOTAL CONTROL	2000		
otal for corresponding week of previous year				*					
er mile of railway correspond-									***
ing week of previous year otal to corresponding date of									
previous year								ers estracional	

MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 22nd July 1899 on 33 miles open.

167 de des des estados (COACHING	TRAFFIC.	MERCHANDISE .	AND MINERAL FIG.	Other earnings		TRAFFIC	TRAIN-MII	ES RUN
ong.	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(including ferry).	Total earnings.	Coaching.	Merchan- dise,	*Tota
Total traffic for the week Or per mile of railway For previous 2 weeks of half-year.	2,470 75 6,160	Rs. A. P. 590 0 0 18 0 0 1,490 0 0	MDS. 8, 1,020 0 31 0 2,580 0	Rs. A. P. 90 0 0 3 0 0 200 0 0	Rs. A. P.	Rs. A. P. 680 0 0 21 0 0 1,700 0 0	288 	598 1,452	88
Total for 3 weeks	8,630	2,080 0 0	3,600 0	290 0 0	10 0 0	2,380 0 0	968	2,050	3,01
COMPARISON. Total for corresponding week of previous year. Per mile of railway corresponding week of previous year.									and the second
otal to corresponding date of previous year.							-		

^{*} Includes ballast train-miles, 424.

BRAHMAPUTRA-SULTANPUR BAILWAY.

Approximate Return of Traffic and Mileage for the week ended 15th July 1899 on 24.75 miles open.

	COACHING	TRAFF	ic.	_	MERCHANDISI TRA	P	FIC.	Other earnings (including		Total		TRAFFIC	TRAIN-MIL	ES RUN	
	Number of passengers.	Coaci			Weight carried.	1	Receipts.	ferr	y).	ъ	earning		Coaching.	1	Total
Cotal traffic for the week		Rs.	A. 1		MDs. s.	1	Rs. A. P.	Rs.	٨.	P.	Rs.	. P.	1		
or previous 1 week of half-	1,430	380 15	0 0		3,390 0 137 0	-	400 0 0 16 0 0	40		0	820	0 0	220	790	1,010
year	1,900	510	0 (4,590 0		460 0 0	90				0 0	210	See	
Total for 2 weeks	3,330	890	0 ()	7,980 0		860 0 0	130	0	0		0 0	-	1,584	1,79
COMPARISON.				1		_			_	-	2,000	-	430	2,374	2,80
otal for corresponding week of				1						1					
previous year r mile of railway corresponding week of previous year				1			·····								
tal to corresponding date of				1									17.35		•••
revious year				1						-					

BRAHMAPUTRA-SULTANPUR RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 22nd July 1899 on 24.75 miles open.

Faranti Americana	COACHING	TRAFFIC.	MERCHANDISE TRAF	AND MINERAL	Other earnings		TRAFFIC !	TRAIN-MILE	S RUN
<u> </u>	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(including ferry).	Total earnings.	Coaching.	Merchan- dise,	Total
Total traffic for the week Or per mile of railway For previous 2 weeks of half-year Total for 3 weeks COMPARISON. Total for corresponding	1,410 67 3,330 4,740	Rs. A. P. 880 0 0 15 0 0 890 0 0 1,270 0 0	MDS. S. 2,650 0 107 0 7,980 0 10,680 0	Rs. A. P. 380 0 0 16 0 0 860 0 0 1,240 0 0	0 30 0 0 790 0 0 0 1 0 0 32 0 0		280 430 710	1,423 2,374 3,796	1,702 2,804 4,506
のでは、これでは、これでは、これでは、これでは、これでは、これでは、これでは、これ			••••		No control out of		- 10 PM		*****

^{*} Includes ballast train-miles 1,352.

COOCH BEHAR STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 15th July 1899 on 33.73 miles open.

	COACHING	TRAFFI	с.	MERCHANI	TRA	AND MIN	BRAI	L	Other ear		Tota	1	TRAFFIC	TRAIN-MILE	8 RUN.
graduate to March Topicolo	Passengers carried.	Recei	pts.	Weight carried,	100	Receip	ts.	1	includi ferry		earnin		Coaching.	Merchan- dise.	Total.
	Magazir No	Rs.	A. P.	Mps.	8.	Rs.	A. P.		Rs.	A. P.	Rs.	A. P.			
Total traffic for the week Or per mile of railway	1,800 53	660 20	0 0	8,470 251		790 23	0 0		20	0 0	1,470 *43	$\begin{smallmatrix}0&0\\0&0\end{smallmatrix}$	335	†875 	1,210
For previous 1 week of half-	2,340	1,020	0 0	12,050	0	720	0 0		80	0 0	1,820	0 0	350	1,040	1,390
Total for 2 weeks	4,140	1,680	0 0	20,520	0-	1,510	0 0	2	100	0 0	3,290	0 0	685	1,915	2,600
Comparison.															1917 1133 1863 Y
Total for corresponding week of previous year	1,158	393	0 0	1,189	0	175	0 0	,	95	0 0	663	0 0	166	142	808
Per mile of railway correspond- ing week of previous year	52	18	0 0	54	0	8	0 0)			26	0 0	******		*****
Total to corresponding date of previous year	2,789	970	0 - 0	2,940	0	350	0 0	1	246	0 0	1,566	0 0	379	325	704

COOCH BEHAR STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 22nd July 1899 on 33:73 miles open.

	Coachine	TRAFF	c.	MERCHANI	RAF	AND MIN	ERA	L	Otherear		gs,	Tota	Total		Traffic train-miles Run.			
* **	Number of passengers.	Coach		Weight carried.		Recei	pts.		includi			earnin		Coaching.	Merchan- dise.	Total.		
	Rs.	Rs.	P. P.	Md.	8.	Rs.	A. 1	P.	Rs.	A. P	1	Rs.	A. P.					
Total traffic for the week Or per mile of railway For previous 2 weeks of half-year.	1,750 52 4,140	19	0 0 0 0 0 0	6,390 189 20,520	0	930 28 1,510	0 0 0	0	100	0	9	1,620 *47 3,290	0 0	******	† 1,047 1,915	1,382 2,600		
Total for 3 weeks	5,890	2,330	0 0	26,910	0	2,440	0 (,	140	0	0	4,910	0 (1,020	2,962	3,982		
COMPARISON.		17. 0				100									1 1 1 1 1 1 1 1			
Total for corresponding	1,211	440	0 0	4,433	0	691	0	0	113	0	0	1,244	0 (143	1,597	1,740		
week of previous year Per mile of railway corre- sponding week of previ- ous year.	55	20	0 0	200	0	81	0	0	1	0	0	52	0 (a come de	oferen li dece optimitie		
Total to corresponding date of previous year.	4,000	1,411	0 0	7,373	0	1,041	0	0	358	0	0	2,810	0 1	522	1,922	2,444		

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

(WORKED BY THE B.-N.-W. RAILWAY.)

Audited Return of Traffic for week ending 3rd June 1899 on 18 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRAI		Other earnings	Total	TRAFFIC	TRAIN-MIL	ES RUN.
	Passengers carried.	Receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Total
	No.	Rs. A. P.	Mps.	Rs. A. P.	Rs. A. P.	Rs. ' A. P.			
Total traffic for the week on 18 miles open Or per mile of rallway	922 51-22	187 2 0 10 6 4	13,380 743*33	324 10 0 18 0 7	3 0 0 0 2 8	514 12 0 28 9 7	46	26	*72
For previous 12‡ weeks of half- year	12,938	3,084 11 8	109,763	3,130 15 0	74 9 0	6,290 3 8	5,026	2,478	7,504
Total for 13‡ weeks	13,860	3,271 13 8	123,143	3,455 9 0	77 9 0	6,804 15 8	5,072	2,504	7,576
Comparison.			1077	ALLES 1		4.4		E 17/5 9 MQCC 1	S LXIL
Total for corresponding week of previous year on miles open Per mile of corresponding week			e				- 1.C., (60)		
Total to corresponding date of previous year						****			

^{* 432} miles excess accounted for in week ending 6th May 1899 adjusted this week,

^{*} Excluding ferry.
† Includes ballast train-miles 410.

^{*} Excluding ferry.
† Includes ballast train-miles, 672.

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

(WORKED BY THE B.-N.-W. RAILWAY.)

Audited Return of Traffic for week ending 10th June 1899 on 18 miles open.

Total Total Total	COACHING	TRAPPIC.	MERCHANDISE TRA	AND MINERAL	Other earnings	Total	TRAPPIC	TRAIN-MILE	S RUN.
	Passengers carried.	Receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Total.
Total traffic for the week on 18	No.	Rs. A. P.	MDs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	100	7. (20), 1 or 3 5 t (6) (6) (4) (5	a) feet
Or per mile of railway For previous 134 weeks of half.	1,046	208 5 9 11 9 2	10,750 597*22	287 6 0 15 15 5	4 3 0 0 3 9	499 14 9 27 12 4	870	134	50
Total for 14; weeks	13,860	3,271 13 8	1,23,143	3,455 9 0	77 9 0	6,804 15 8	5,072	2,504	7,57
COMPARISON.	14,906	3,480 3 5	1,33,893	3,742 15 0	81 12 0	7,304 14 5	5,442	2,638	8,08
Total for corresponding week of								100100	
ing week of previous year		*****	1/ 1000						
of previous year									-

BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the week ending 15th July 1899 on 1,082 miles open.

	COACHING	TRAFFIC.	MERCHANDISI TE.	SAND MINERAL AFFIC.	Other earnings		TRAFFIC	TRAIN-MIL	BS RUN.
	Number of passengers.	Receipts	Weight carried.	Receipts.	(estimated), including steam-boat.	Total earnings.	Coaching.	Merchan- dise.	Total,
Total traffic for the week on 1,082 miles open	142,450 181°64 146,400 288,830	Rs. 55,140 50'96 61,940 1,17,080	MD8. 5,79,220 535'32 6,07,080 11,86,250	Rs. 70,110 64*80 82,930 1,53,040	Rs. 15,760 14'56 23,800 39,560	Rs. (a)1,41,010 130°32 1,68,670 3,09,680	25,091 29,290 54,381	(b)28,914 36,106 65,020	65,396
otal for corresponding week of previous year on 925 miles open	107,501 116*22 257,305	38,548 41'67 92,937	4,60,865 498*23 11,36,943	62,361 67·43 1,50,427	11,160 12:07 29,433	1,12,069 121·16 2,72,797	20,537 48,152	(c)25,865 59,165	46,40 107,81

(a) Increase is due to increased mileage.

(c) 4,158 miles of ballast trains run on open line.

BENGAL AND NORTH-WESTERN BAILWAY.

Approximate Return of Traffic for the week ending 22nd July 1899 on 1,082 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRAI	AND MINERAL	Other earnings		TRAFFIC	TRAIN-MILI	IS RUN.
	Number of passengers.	Receipts.	Weight carried.	Receipts.	including steam-boat.	Total earnings.	Caching.	Merchan- dise.	Total
Potal traffic for the week on		Rs.	MDs.	Rs.	Rs.	Rs.			
1,082 miles open or per mile of railway for previous 25 weeks of half- year	131,500 121°53	(a) 48,620 44.94	4,79,220 442.90	(b) 55,550 51.34	(a)15,270 14.11	(a)1,19,440 110·39	24,978	(c)24,709	49,68
	288,830	1,17,080	11,86,250	1,53,040 .	39,560	3,09,680	54,381	65,020	119,40
Total for 3} weeks	420,330	1,65,700	16,65,470	2,08,590	54,830	4,29,120	79,359	89,729	169,088
COMPARISON.									100,000
otal for corresponding week of previous year on 925 miles open or mile of railway correspond- ing week of previous year otal to corresponding date of previous year	106,752 115'41 364,057	39,152 42°33 1,32,089	4,89,612 529°31 16,26,555	60,841 65:77 2,11,269	11,956 12.93 41,388	1,11,949 121'03 3,84,746	20,852	(d)24,702	45,554

(a) Increase is due to increased mileage.
(b) Decrease is due to lesser traffic carried owing to be

Includes 4,990 miles of ballast trains run on open line.

BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

Approximate Return of Traffic and mileage for the week ended 15th July 1899 on 125 miles open.

	COACHING	TRAFFIC.	MERCHANI	PRAF	AND MIN	ERAI							A CARLESTON	TRAIN-MILI	ES RUN.
	Number of passengers.	Coaching receipts.	Weight carried.		Receip	ts.	Ot	her ear	rnin	igs.	Total ear	ning	Coaching.	Merchan- dise.	Total.
Some in the second		Rs. A. P.	Mps.	8.	Rs.	A. P.	1	Rs.	۸.	P.	Rs.	A. P.		37.63	
Total traffic for the week	31,633	11,507 0 0	39,392 315		3,148 25	0 0		206 2			14,861 119		5,041	8,001	8,045
For previous 1 week of half-	47,170	16,231 0 0	81,243	0	4,956	0 0		369	0	0	21,556	0 0	5,785	3,011	8,790
Total for 2 weeks	78,803	27,738 0 0	1,20,635	0	8,104	0 0		575	0	0	36,417	0 0	10,826	6,012	16,83
COMPARISON.	4		l v						300				1		
Total for corresponding week of previous year	29,498	10,751 0 0	57,103	0	3,223	0 0		67	0	0	14,031	0 (4,231	2,798	7,04
Per mile of railway correspond- ing week of previous year	236	86 0 0	457	0	26	0 0	1							•••••	
Total to corresponding date of previous year	80,451	26,930 0 0	1,26,040	0	7,478	0 0	1	1,127	0	0	35,535	0 (9,687	6,324	16,01

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

				Commence of the last	_	-
Decrease •••		***	***	2,057	0	0
Ditto for the corresponding period of 1898	***	***	***	39,615	0	0
Receipts from 1st July to 22nd July 1899				37,558		0
Decrease	•••			50	14	2
Ditto for the corresponding period of 1898	***		***	240	. 0	4
Receipts per mile for the week ending 22nd July 1899		•••	***	189	2	2
Decrease		~ •••		2,595	0	0
Ditto for the corresponding period of 1898	•••		***	12,241	0	0
Approximate earnings for the week ending 22nd July 1	899	•••		Rs. 9,646	0	0
				D-		0.000



SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, AUGUST 9, 1899.

OFFICIAL PAPERS.

[Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.]

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RESOLUTION ON THE ANNUAL REPORT OF THE CIVIL VETERINARY DEPARTMENT, BENGAL, FOR THE YEAR ENDING 31st MARCH 1899.

REVENUE DEPARTMENT-AGRICULTURE.

Calcutta the 8th August 1899. RESOLUTION No. 2630.

READ-

The Annual Report of the Civil Veterinary Department, Bengal, for the year ending

Letter No. 55T.A., dated the 19th June 1899, from the Director of the Department of Land Records and Agriculture, Bengal, submitting the above.

THE Annual Report of the Civil Veterinary Department, Bengal, for the year ending 31st March 1899, which was due on the 1st of June reached this Government 23 days after the date fixed for its submission, or two months earlier than was the case last year. The Lieutenant-Governor hopes that the Director of Land Records will find it possible to submit the report still more punctually in future. The report affords a clear and short account of

2. The Veterinary College.—In the year under report the status of the Bengal Veterinary School was raised to that of a College, and the course of instruction was extended from two to three years. The institution has fairly earned this promotion by good work in the past; and the Lieutenant-Governor has every confidence that its future will justify the action of Government. Revised rules for the admission of the students, the regulation of their studies, and the admission of animals into the hospital attached to the college have, since the close of the year, been published under Government

Notification No. 523T.—R., dated the 14th June 1899.

Though the number of students attending the college throughout the year under report was smaller than in previous years, the results of the annual examinations of the institution were most satisfactory. All the six students of the first-year class, and the 15 students of the second-year class, passed creditably and were promoted to the respective higher classes. At the prize distribution made by the Lieutenant-Governor at the college premises on the 25th March last, he had the pleasure of expressing his satisfaction at the excellence of the arrangements of the institution, the thoroughness of the instruction imparted to the students, and the rapid advance made by it within the short space of five years from the commencement of its existence.

3. Stipends -Out of the 30 monthly stipends of Rs. 5 each annually allotted by Government, only four were awarded in class A, and 10 in class B of the college during the year under report. The remaining students were assisted, six by District Board Stipends, one by the Burdwan Raj Stipend,

and one by the Shew Buksh Bagla Scholarship.

4. The Managing Committee .- The Managing Committee was strengthened by the addition of Mr. C. L. S. Russell, c.s., and Mr. Abdur Rahman, Khan Bahadur, and after the prize distribution, at which the Lieutenant-Governor commented on the small amount of interest shown in the college by Muhammadans, two other members, viz., the Hon'ble Nawab Syed Amir Hossein, C.I.E., and Maulvi Budruddin Haidar Khan Bahadur, were appointed. It is hoped that the addition of these gentlemen will induce the community to which they belong to turn their minds to a form of employment, which in other provinces has proved very attractive to them.

5. The Veterinary Infirmary.—There has been a large increase in the number of sick animals treated in the infirmary and in the income from fees for treatment and shoeing. There is still, however, much room for develop-ment, and the Lieutenant-Governor hopes that as further knowledge is gained of the advantages offered by the institution the public generally, and official bodies especially, will resort to it with increasing frequency and confidence.

Veterinary Assistants .- Of the 35 students who passed out of the institution as Veterinary Assistants from March 1896 to March 1898, 19 have obtained permanent appointments, 3 are in temporary employment, 10 have started private practice, 2 are studying medicine, and 1 only is out of employ at present. It is clear from these figures that there is a considerable demand for veterinary assistants, which is likely to still further increase in the near future, and the students have the great encouragement of a practical certainty

of immediate employment on completion of their curriculum.

7. Veterinary Dispensaries.—Altogether nine veterinary dispensaries were at work in this Province during the year under report. Those at Sitamarhi, Patna and Dumraon were established during 1897-98; and the remaining six at Gaya, Muzaffarpur, Cuttack, Balasore, Burdwan and Tippera were newly opened during the year. Preparations were also made for the opening of two more dispensaries at Dumka and Kanti, but these could not commence regular operations until after the close of the year. From the accounts given in the report of the working of these nine dispensaries, it appears that the Sitamarhi, Patna and Dumraon dispensaries were in good order, each of them showing a surplus of income over expenditure. The working of the Balasore and Cuttack dispensaries was also satisfactory, though their financial condition was not so sound as those of the three mentioned above. The Gaya and the

Muzaffarpur dispensaries were established too late in the year to make much progress. Considering that Burdwan was one of the few districts in Bengal which suffered very severely from the outbreak of cattle disease during the year, the amount of work done by the Veterinary Assistant, appointed by the District Board of that district, was very small. The arrangements of the Tippera dispensary are not satisfactory, and the attention of the District Board is invited to the matter.

In the letter with which this report was forwarded, the Director of Land Records emphasised the need these infant institutions are in, of the care of the Commissioners and District Magistrates. The Lieutenant-Governor fully agrees with him that the hearty help of those officers should be given, especially in the early years of the dispensaries.

8. Outbreaks of contagious disease among cattle.—Reports of the outbreaks

Burdwan. Midnapore. 24-Parganas. Darjeeling. Rangpur. Chittagong. Saran Champaran, Shababad, Darbhanga, Purnea, Monghyr, Ranchi. Saran.

of cattle disease in epidemic form were received from 29 districts during the year under report, but the services of Veterinary Assistants were required only in the districts noted on the margin. Their services clearly saved the peasantry much loss. The largest number of deaths was reported from

Cuttack, where, out of 5,425 total deaths, 2,586 or 48 per cent. were from rinderpest alone. The disease, however, was most fatal in Chittagong where, out of 3,422 animals attacked with the disease, 3,253 or 95 per cent. are said to have died. Burdwan and Puri also suffered severely from the disease, and

the latter from foot and mouth disease as well.

During the year the Director of Land Records arranged with the Inspector-General of Police, that in order to give earlier intimation of the outbreak of cattle disease, the officers in charge of police-stations should send post-cards direct to the Superintendent, Civil Veterinary Department, Bengal. This was done for two or three months towards the end of the year and the arrangement was found to work well.

9. Rinderpest experiments.—Successful experiments were conducted during the year by Veterinary-Major Raymond, to demonstrate the value of serum injection as a preventive and a cure for rinderpest. Experiments were also conducted by him with rinderpest hides and hides of animals, which had died of malignant sorethroat, from which it appeared to be certain that no danger could arise from the exportation of such hides into foreign countries. The enquiries made in the previous year into the value of Köch's system of bile injection were also continued with favourable results.

10. Operations under the Glanders and Farcy Act in North Bihar .- The operations under the Glanders and Farcy Act, which were commenced in the three districts of Saran, Champaran and Muzaffarpur in the latter part of the year 1897-98, were continued throughout the year under report. The Superintendent, Civil Veterinary Department, has promised to submit a report

when they are completed.

11. Cattle-fairs, shows, &c .- The Lieutenant-Governor observes that the Superintendent could not manage to visit personally more than two cattlefairs in the Province, as compared with five in the previous year. This was due to his pressing duties in connection with the numerous scientific experiments carried on by him, and the high pressure at which both he and his college staff had to work throughout the year. Veterinary-Major Raymond recognises, however, the importance of this branch of his work, and will no

doubt be able to devote more time to it in the present year.

12. Horse and pony-breeding in Bengal.—The enquiries which were instituted at the desire of Sir Alexander Mackenzie into the possibility of improving the breed of country ponies in Bengal, were conducted by Veterinary-Major Raymond throughout the year, and after its close he submitted to Government a report, in which he suggested that the operations should, in the first instance, be confined to the Bihar districts, Darjeeling and Sikkim, as being the most promising localities in the Province, and might then if desired be gradually extended to the districts of Lower Bengal, where the necessity for such operations is not so great at present. It has been decided to confine present experiments to two districts of Bihar.

13. Cattle-breeding.—Appendix XXIII to the report furnishes an interesting synopsis of the results of the attempts made during recent years to improve the breed of cattle in this Province. Though the results of the experiments have hitherto been generally successful, Veterinary-Major Raymond considers the methods which have been adopted to be of doubtful expediency. The Hissar bulls introduced into Bihar were not a success: and the number of really good bulls of the local breed in Bihar is limited. Hence, if their exportation to Bengal is persisted in, there is a danger of permanently injuring the stock. He, therefore, adheres to the opinion he has previously expressed that the best way to improve the breed of local cattle is to rear bulls for breeding purposes under the immediate supervision of the Bengal Civil Veterinary Department. The advisability of establishing farms where this could be done, at Pusa and at Sripur in the Hatwa Raj, is engaging the attention of Government.

14. Financial and General.—The receipts from fees and the Provincial share of the expenditure of the Civil Veterinary Department, Bengal, during the year 1898-99 were Rs. 6,046-12-9 and Rs. 37,011-6-10 respectively, as against Rs. 4,988 and Rs. 27,310-3-11 during 1897-98.

Veterinary-Major Raymond was on tour for a period of 119 days, during the year under report. The Government of India having declined to meet the expenditure on account of the entertainment of a Personal Assistant for the Superintendent to carry on a portion of his duties during his absence on tour from Calcutta, this Government has been compelled to abandon the proposal

for the present, or till the Provincial finances admit of the requisite expenditure.

The Lieutenant-Governor's thanks are due to Veterinary-Major Raymond for the ability with which he has conducted the affairs of this Department during the year, and he congratulates him and his staff on the success which has

attended them in developing the Veterinary College.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secretary to the Govt. of Bengal.

Government of Bengal, IRRIGATION DEPARTMENT.

COMPARATIVE RETURNS OF TRAFFIC CARRIED ON THE CANALS IN BENGAL

CLASSED AS

MAJOR WORKS AND MINOR WORKS AND NAVIGATION.

For the years ending 31st March 1899 and 1898.

GOVERNMENT OF BENGAL

MAJO

Comparative Return of Traffic carried on the Orissa Canal

	DE	MANDS.			PERIOD OF	F PRE-		*	1898-99.	1 28		189
Particulars.	Balance from previous year.	For current year.	Collections during the current year.	Balance uncollected.	Demands.	Collections.	NATURE OF CARGO.	Up.	Down.	Total.	Up.	Down
1	2	3	4	5	6	7	8	9	10	11	12	13
TOLLAGE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	BOAT TRAFFIC.	Tons.	Tons.	Tons.	Tons.	Tons
Boats (private and Govern- ment).	10,215	1,23,735	1,36,312	5,728	1,74,384	1,64,169	1. Cotton, raw and manufactured.	978	71	1,049	761 	12
CARRYING OPERATIONS.	<i></i>	8,090					2. Woollen goods, raw and manufactured. 3. Dyes and tans 4. Rice 5. Other foodgrains. 6. Hides and skins 7. Liquors	15,488 7,064 9	22,907 630 945	38,395 7,694 954	16,042 3,290 10	43,22: 1,499
Boating (Government).	443	35,982	36,332	93	47,553	47,110	8. Metals	539 3,268 1,406	456 36 2,784 49	995 3,304 4,190 50	3,566 4,004 572	3,67 14 24
Fines and sundries.							12. Salt 13. Spices 14. Sugar	365 7,534 225	3,804 39 1,509 98	4,169 7,573 1,734 105	432 11,663 54	3,38 8 1,68
Total	10,658	1,67,807	1,72,644	5,821	2,21,937	2 ,11,279	16. Building materials. 17. Miscellaneous	7 4,114 3,914	23,159 11,173	27,273 15,087	3,349 2,186	30,18 5,48
Taldanda Car- al System.	2,435	19,869	22,231				goods. 18. Timber 19. Firewood 20. Bamboos 21. Coal and coke 22. Jute	1,149 266 19 4,963 8	2,247 1,563 88 3,513 875	3,396 1,829 107 8,476 883	341 256 9 2,661	1,48 74 3,14 46
Kendra para Canal System.	7,219	86,394	88,313	5,300	1,23,799	1,16,580	23. Treasure Total Boat Traffic.	51,317	75,946	127,263	49,196	96,21
High Level Canal, Range 1.*	886	67,311	57,798	399	71,811	70,925	RAFT TRAFFIC. 24. Timber in logs	C. ft. 214,554	C. ft. 392,127	C. ft. 606,681	C. ft. 146,302	C. fi 249,6
High Level Canal, Range	114	3,079	3,148	45	3,668	3,554	25. Squared timber26. Sleepers, broadgauge.27. Sleepers, metregauge.					
High Level Canal, Range III.		813	813		1,119	1,119	28. Scantlings 29. Poles 30. Firewood 31. Bamboos	46,648	7,825 485,767	7,825 532,415	40,000	433,3
Jajpur Canal	4	841	341	4	318	314	32. Reeds				**	_==
				¥			Total Raft Traffic. {	C. ft. 261,202	C. ft. 885,719	C. ft. 1,146,921	C. ft. 186,302	C. 1 682,9
							GRAND TOTAL	Tons. 51,317	Tons. 75,946	Tons. 127,263	Tons. 49,196 C. ft.	Ton 96,2 C. f
Total	10,658	1,67,807	1,72,644	5,821	2,21,937	2,11,279		C. ft. 261,202	C. ft. 885,719	C. ft. 1,146,921	A125-5. 57 (2018) PER 2012 (1)	682,9

[•] The figures against this Canal include receipts from the Transport Service.

The 7th August 1899.

IRRIGATION DEPARTMENT.

WORKS.

for the years ending 31st March 1899 and 1898.

98.				5	Гоз	NN	AGI									T	ON	-м	ILI	EAG	æ.						V	AL	UE	01	? G	001	os.			-	1	VU	ı Bı	ER	OF	P	A88	EN	GB	RS.	
		18	898	-99				18	397	-98	8.			18	98	99				18	397	-98				18	98	-99				189	7-9	8.		Ī	1	898	3-99	9.	1		1	189	7-9	8.	_
Total.	Taldanda Canal System.	Kendrapara Canal System.	High Level Canal, Range I.	High Level Canal, Range II.	High Level Canal, Range III.	Jajpur Canal.	Taldanda Canal System.	Kendrapara Canal System.	High Level Canal, Range I.	High Level Canal, Range II.	anal,	Jajpur Canal.	Taldanda Canal System.	Kendrapara Canal System.	High Level Canal, Range I.	High Level Canal, Range II.	High Level Canal, Range III.	Jajpur Canal.	Taldanda Canal System.	Kendrapara Canal System.	High Level Canal, Range I.	High Level Canal, Range II.	High Level Canal, Range III.	Jajpur Canal.	Taldanda Canal System.	Kendrapara Canal System.	High Level Canal, Range I.	High Level Canal, Range II.	High Level Canal, Range III.	Jajpur Canal.	Taldanda Canal System.	Kendrapara Canal System.	High Level Canal, Mange II.	High Level Canal, Range III.	Jajpur Canal.	Taldanda Canal System.	Kendrapara Canal System.	High Level Canal, Range I.	High Level Canal, Range II.	High Level Canal, Range III.	Jajpur Canal.	Taldanda Canal System.	Kendrapara Canal System.	High Level Canal, Range I.	High Level Canal, Range II.	High Level Canal, Range III.	Tainur Canal.
14	15	16	17	18		1		1	23	1		-			-			-	-	-	-		1	-	-	_	-			-	_	164	<u> </u>		<u>.</u>	<u> </u>					<u>.</u>		•	100	100	1000	2007
Tons. 890	Tons.	Tons.	_	7		1	1	1	Tons.	2	(1			1	1	-	Tons.	<u>-</u>	÷	<u>-</u>	, 		oi.	.)		ı '			1	<u> </u>	Ks.	t	ì	1	-	1	-	1	+	1	1	1	1	4	No.	
59,265 4,789 644 7,241 4.145 814 2 3,813 11,743 1,739 94																101 - 101 -				X																							10000000000000000000000000000000000000	8.0			
33,534 7,668 1,795 1,001 28 5,808 457 	836'69	171,352	89,764	17,404	4,844	3,829	51,743	239,492	121,978	36,204	93,496	3,853	1,743,126	7,687,518	1,906,390	214.799	95,412	25,773	1,264,316	10,877,269	2,201,111	270,160	136,745	25,057	12,18,680	63,38,230	18,75,965	5,04,818	95,318	50,903	10.76,980	18.79,110	5.82.272	1,06,380	90,001	2,341	79,988	613	152	51	175	2,485	110,110	391	146	39	200
C. ft. 395,912 473,302 C. ft. 869,214																	The second secon										•										AND REPORTED TO THE PROPERTY OF THE PROPERTY O					*					
Tons. 145,471 C. ft. 869,214	}_	3	57,	18)				-	541	6,7	66		_	11,	,67	3,0	18	-		14	1,2	74,0	658		1	,00	0,8	8,9	14		1	,17,	,13,	16:	3)		8	3,3	20					13:	371	The second second

A. H. C. MACCARTHY, Under-Secretary to the Government of Bongal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Comparative Return of Traffic carried on the Midnapore Canal for the years ending 31st March 1899 and 1898.

NUMBER OF PASSEN-	*86-16	81 8	No.				290,882		**	
-	.66-86	81 2	- 2				181,181,	8	ALMA TALES	cylek cylek colougi
VALUE	*86-26	-					616'76'2	∌'τ		
	.66-86	81 2					977,87,1	ı'ı	e e e e e e e e e e e e e e e e e e e	10 - 10
TON-	*86-46	-	H				₹28'916'2			
	66-868	-	H				664'068'9			
TONNAGE.	*86-468	31 2	H				446'797			
To	*66-868	31 2	Tons.				648,878			
	Total.	14	Tons.	1,344	593 32,630 43,237	3,020 2,368 3,233		760	17 7,867 462 17	1,31,499
1897-98.	Down.	13	Tons.	71	593 32,605 31,149	1,278 1,278 1,863	1,744 26 8,618	432	29 451 17	86,265
	Up.	12	Tons.	1,273	25 12,088	3,019 1,090 1,370	666 1,099 613 1,377	9,304 328 57	7,838	45,234
	Total.	11	Tons.	1,099	549 21,011 33,144 103	2,466 2,744 2,744 8,465	705 1,711 456 5,454	1,334	5,268 155 17	97,471
1898-99.	Дожп.	10	Tons.	- P	549 21,001 16,245 103	261 1,716 1,442 2	26 876 13 5,012	1,005	16 165 17	53,960
	Up.	6	Tons,	1,044	16,899	2,466 1,029 1,376 8,463	679 835 443 442 8712	329	6,252	43,511
	NATURE OF CARGO.	**	BOAT TRAFFIC.	1. Cotton, raw and manufactured. 2. Woollen goods, raw and mount	THOM!	9. Metals 9. Oils 10. Oilseeds 11. Provisions	14. Suces 14. Sugar 15. Tobacco 16. Building materials. 17. Miscellaneous	goods. 18. Timber 19. Firewood	22. Jute	Total Boat Traffic
PERIOD OF PREVIOUS YEAR.	Collections.	1	Rs.		1,31,523				4 00 00	<u> </u>
PERIOUS YEAR,	Demands.	9	Bs.		4,406 1,34,483 1,31,523					_
ected.	Balance uncoll	10	Bs.		4,406					_
no Zuix	Collections du rent year.	4	Rs.		7 1,08,086					
DEMANDS.	For current	60	Rs.	2,863		i			*	100
	Balance from	63	Rs.		2,960	1				
	FARTICULARS.	-	TOLLAGE. Boats (private and)	Rafts		Fines and sundries		•		-

_	* -					233,065
_						2,181,181
-						616'16'21'
_						377,87,11,
_						\$28°916°2
_						632'068'9
_						116'797
_		200				678,878
O. ft.	64,752	-	135,354		267,928	Tons. 131,499 C. ft. 267,928
C. ft.	61,332	1	134,493		259,969	Tons. 86,265 C. ft. 259,969
C. ft.	3,420	İ	861		7,959	Tons. 45,234 C. ft. 7,959
C. ft.	39,072		98,713		243,858	Tons. 97,471 C. ft. 243,858
C. ft.	30,518		98,338		234,331	Tons. 53,960 C. ft. 234,331
G. ff.	8,554	1 1	375		9,527	Tons. 43,511 C. ft. 9,527
RAFT TRAFFIC.	24. Timber in logs 25. Squared timber 26. Sleepers, broad-gange.	27. Sleepers, metre- gauge. 28. Scantlings		32. Keeds	Total Raft Traffic	GBAND TOTAL
					1	1,31,623
						1,03,085 4,406 1,34,483 1,31,523
						4,406
İ						1,03,085
						1,04,531
					İ	2,960
1				7		gament of the same of
						H 이 대한지 않다 원생인 시장인 경험

· Portion of tolls reported afterwards by the Executive Engineer.

CALOUTEA, The 7th August 1899.

A. H. C. MACCARTHY,

Under-Secretary to the Government of Bengal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

MAJOR WORKS.

Comparative Return of Traffic carried on the Hijili Tidal Canal for the years ending 31st March 1899 and 1898.

			et en terren							
NUMBER	OF PASSENGERS.	66	No.					26,026		
Nu	OF PASS 1898-99.	91	No.					184,82		A.
VALUE OF GOODS.	1898-99. 1897-98.	20	B.					812,63,7	L	
VALUE		19	Rs.					062,81,8	9	
Ton-Mileage.	1897-98.	18	Tons.					188'689'	9	
Ton-wi	1898-99.	17	Tons.					\$18'918' 1	,	
AGE.	1898-99. 1897-98.	16	Tons.					212,282		
TONNAGE.	1898-99.	15	Tons.					908,822		
	Total.	14	Tons.	443	 69,157 261 29	: 6,7-60	22 1,505 2,406 1,581	8,849	2,931 280 1	96,403
1897-98.	Божп.	13	Tons.	. : :	68,911 38 29	::: 19 18	298	7,708	25.0	9 801,17
	Up.	12	Tons.	.:.	Comments of the Comments of th	89 2,263 696 524 4,634	22 1,505 2,404 1,283	1,141	2,931	18,695 7
	Total.	11	Tons.	432	52,159 313 44	2,852 478 478 605 4,511	2,250 2,392. 2,020	5,163 250 86	2,546	77,535 1
1898-99.	Домп.	10	Tons.	: :	52,020	1	15	84	1,336	68,869 7
	Up.	6	Tons.	432	 139 313 2	63 2,852 478 593 4,504	2,215 2,392 1,429	410 166 86	2,546	18,666 6
	NATURE OF CARGO.	60	BOAT TRAFFIC.	1. Cotton, raw and manufactured. 2. Woollen goods, raw and mann.	factured. Dyes and Rice Other food Hides and Lignors	8. Metals 9. Oils 10. Oilseeds 11. Provisions	14. Sugar 15. Tobacco 16. Building mate.	17. Miscellaneous goods. 18. Timber 19. Firewood	21. Coal and coke 22. Jute 23. Treasure	Total Boat Traffic 1
ONDING D OF S YEAR.	Collections.	4	Rs.	Townson Townson	90,755			7 7 7 8	20 20 20 20 20 20	
CORRESPONDING PERIOD OF PREVIOUS YEAR.	Demands,	9	Rs.		95,351					_
.bed.	Balance uncolled	10	Bs.		3,472					_
-ing gar-	Collections dur	4	Rs.		73,697					-
Demands.	For current year.	က	Rs. 7290437	168		362			- 200 - 200 - 100 - 100	_
DEN	Balance from previous year	67	Rs.		4,596	ī				-
	Particulars.	-	TOLLAGE.	Govern- ment).	7-	inos and J Rundries.			* * \	_

		920,92
		28,431
Light Berthaman		812,63,77
		63,13,290
		188,689,3
		#48°918°#
		272,282
		808,622
C. ft. 13,393	33,284	Tons. 96,403 C. ft. 33,284
0,050 	12,866	Tons. 77,708 C. ft. 12,866
6, ft.	20,418	Tons. 18,695 C. ft. 20,418
C. ft. 7,540	22,880	Tons. 77,535 C. ft. 22,880
. 9	2,751	Tons. 58,869 C. ft. 2,751
	20,129	Tons. 18,666 C. ft. 20,129
RAFT TRAFFIC. 24. Timber in logs 25. Squared timber 26. Sleepers, broadgauge. 27. Sleepers, metregauge. 28. Scentlings 29. Poles 30. Firewood 31. Banboos	32. needs Total Raft Traffic	GBAND TOTAL
		90,755
	-	95,351
	j	3,472
		73,697
		72,573 73,697 3,472
*		4,596
(·		Total

A. H. C. MACCARTHY, Under-Secretary to the Government of Bengal.

CALCUTTA;
The 7th August 1899.

GOVERNMENT OF BENGAL,

MAJOR

Comparative Return of Traffic carried on the Sone Canals

	Dema	NDs.	ar.		CORRESI PERIO PREVIOU	D OF	The second secon		1898-99.	
PARTICULARS.	Balance from previous year.	For current year.	Collections during current year.	Balance uncollected.	Demands,	Collections.	NATURE OF CARGO.	Up. 4	Down.	Total
1	2	3	4	5	6	7	8	9	10	11
TOLLAGE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	BOAT TRAFFIC.	Tons.	Tons.	Tons.
Boats (private and Government). Rafts	} 779	86,115 6,460	93,051	303	65,821	65,042	Cotton, raw and manufactured. Woollen goods, raw and manufactured. Dyes and tans	1,014	44 60	1,058 76
CARRYING OPERATIONS.	0						4. Rice 5. Other food-grains 6. Hides and skins 7. Liquors	526 36 18	5,811 7,423 254	6,337 7,459 272 307
Boating (Government)							9. Oils 10. Oilseeds 11. Provisions 12. Salt	293 121 4,192	12,994 12,994	315 13,115 4,223
Fines and sundries							13. Spices 14. Sugar 15. Tobacco 16. Building materials 17. Miscellaneous goods	190 186 1,209 1,600 9,440	12 1,238 57 1,642 7,376	202 1,424 1,266 3,242 16,816
Total	779	92,575	93,051	303	65,821	65,042	18. Timber 19. Firewood 20. Bamboos 21. Coal and coke 22. Jute 23. Treasure	1,777 91 2,043 16,797 2	3 1 14 263 	1,780 92 2,057 17,060 2
							Total Boat Traffic	39,843	37,261	77,104
Patna Canal System	383	37,295	37,394	284	23,070	22,687	RAFT TRAFFIC.		41.20	5 pt (27)
Arrah Canal System	659	44,391	45,031	19	33,207	32,548	24. Timber in logs 25. Squared timber 26. Sleepers, broad-gauge 27. Sleepers, metre-gauge 28. Scantlings		254 391 900	5 254 391 900
Buxar Canal System	(—)263	10,889	10,626		9,544	9,807	29. Poles 30. Firewood 31. Bamboos 32. Reeds	 15	6,434 942 9,792	6,434 942 9,807
Total	779	92,575	93,051	303	65,821	65,042	Total Raft Traffic GEAND TOTAL	16 39,859	18,717	18,733 95,837

CALCUTTA;

The 7th August 1898.

IRRIGATION DEPARTMENT.

WORKS.

for the years ending 31st March 1899 and 1898.

]	1897-98.	k av		То	NNAG	E.			To	N-MII	EAGI	E.			VAL	UE O	F GO	ods.		Nu	MBER	OF 1	ASSE	NGEI	ts.
			189	8- 9 9.]	897-9	8.	18	398-9	9.	1	897-9	8.	1	898-9	9.	1	897-9	98.	1	898-9	9.	189	T-98.	
та. П Пр.	Down.	Total.	Patna Canal System.	Arrah Canal System. Buxar Canal System.	Patna Canal System.	Canal System.	Buxar Canal System.	Patna Canal System.	Arrah Canal System.	Buxar Canal System.	Patna Canal System.	Arrah Canal System.	Buxar Canal System.	Patna Canal System.	Arrah Canal System.	Buxar Canal System.	Patna Canal System.	Arrah Canal System.	Buxar Canal System.	Patna Canal System.	n Canal System.	Buxar Canal System.	Patna Canal System.	Arrah Canal System.	Buxar Canal System.
			Patna	Arrah	Patna	Arrah	Buxa	Patn	Arral	Buxa	Patna	Arral	Buxa	Patns	Arra	Buxa	Patn	Arra	Buxa	Patn	Arrah	Buxa	Patn	Arra	Buxa
12	13	14	15	161	7 18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	3
578 28 2 1,537 539	Tons. 53 104 983	Tons. 631 132 2 2,520	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	No.	No.	No.	No.	No.	No
2 377 143 68 8 5,194 224 42 1,747 1,620 1,387 1,719 69 1,829 5,850 	3,098 289 44 236 4,812 50 78 891 138 7,377 7,573 114 44 10 645 	3,637 291 421 379 4,880 8 5,244 302 933 1,885 8,997 18,960 1,833 103 1,839 6,495 	06889	796,08	49,737	60,068	20,421	3,291,574	3,993,252	658,694	1,879,123	2,724,142	596,565	28,60,318	38,05,681	9,04,816	24,63,187	33,69,090	7,53,452	9,163	27,721	24,342	10,2563	27,688	2010
32,953	26,539	59,492																							
7 	22 38 277 27 1,078 3,714 959 7,643	28 38 277 27 1,078 3,714 959 7,662																							The second secon
26	13,757	13,783		,																					4
32,979	40,296	73,275	16	33,86	в	130	,216	1	7,943	,520		5,199	,830	1	75,7	0,815	5	65,65	,729	-	61	,226	1 4	6,37	0

A. H. C. MACCARTHY,

Under-Secretary to the Government of Bengal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

MINOR WORKS AND NAVIGATION.

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NUMBER OF PASSEN- GERS.	.86-7681	1 22	No. No.			ka (1955 - Esperante en 1956) 1971 - Santon Grand, esperante en 1956 1981 - Santon Grand, esperante en 1956 - Esperante en 1956 - Esperante en 1956 - Esperante en 1956 - Esperante				77.7	W 15	679		
	1898-99	20 21				The second	67.58					909		
VALUE OF GOODS.	1897-98.	19 2	Rs. Rs.							2.7926.7			'₱9'68'₱	
	1898-99.	18 1											3,92,12,	
TON-	.86-1681		s. Tons.										081,8	
K	1898-99.	17	. Tons.			- 1 - 827			ir i			292	691'9	
AGE.	.89-7681	16	Tons.									671	182	
TONNAGE.	66-8681	10	Tons.	_								998	169	
	Total.	14	Tons.	158	:	108,803 3,375 120	891	6,810	2,789	231 231 62,773	60,949	90,525	21,790	560.175
1897-98.	Бочв.	13	Tons.	154	:	107,607 3,319 120	664	6,778	2,779	385 179 60,154	46,133	80,509	755 154,124	488.887
	Up.	12	Tons.	4	:	1,196	227	1,802	40,293	52 2,619	4,816	16	21,035	76.288
	Total.	11	Tons.	88	:	130,803	1,574	7,249	46,444 3,093	283 283 40,287	51,309	76,425	20,979	487.063
1898-99.	Down.	10	Tons.	98	:	130,750 6,723 65	1,222	7,187	3,092	256 38,782	46,753	76,425	1,251	429.897
	Up.	6	Tons.	:	ı	63	352	2,758	33,901	1,505	4,556	: 1	19,728	64.156
	NATURE OF CARGO.	o c	BOAT TRABEIG	1. Cotton, raw and	2. Woollen goods, raw and mann-		Liquors Metals Oils	Oilseeds Provisions		16. Building mate-	rials. 17. Miscellaneous		20. Bamboos 21. Coal and coke 22. Jute 23. Treasure	Total. Boat Traffic
CORRESPONDING PERIOD OF PREVIOUS YEAR.	Collections.	-	Rs.				3,44,606							
CORRES PERI PREVIO	Demands.	9	Rs.				3,45,281							
.boted.	Balance ancolle	.0	Rs.				1,017					10.7	4	
ns car-	Collections dur	4	Bs.	4	_		\$,01,820				Sux			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ANDS.	For current year.	en	Rs.		2.97.679	46				4,386				
• DEMANDS.	Balance from previous year.	69	Rs.		,		929							
	Ракисплавз.	Ť	Tollage.	u a 1	14.50	Boats (private and Government). Rafts	e i subsi			Fines and sundries	# 1 mm			

_									in a l		649'61
											14,605
							-	[10]			106'#9'68'
		er iy				~		81.			206,21,26,
				Na.							087'081'9
		_							11.3		991,691,8
-		*	-								621,187
_	Carlo	_	_					-			998'169
C. ft.	8,213	:		1	:	:	19.750		20,963	- Andready	Tons. 560,175 C. ft. 20,963
C. ft.	:	:	:	f	;	:	19.750		12,756		Tons. 483,887 C. ft. 12,750
C. ft.	8,213	:	:	f	ı	:	:	:	8,213		Tons. 76,288 C. ft. 8,213
C. ft.	8,100	:	:	:	1	:	14,625	;	22,725		Tons. 487,053 C. ft. 22,725
C. ff.	:			:	:	:	14,625		14,625	1	Tons. 422,897 C. ft. 14,625
C. ft.	8,100	:		:	:	:	: :	ı	8,100	-	Tons. 64,156 C. ft. 8,100
RAFT TRAFFIC.	24. Timber in logs	26. Sleepers, broad.	gauge.	27. Sleepers, metre-gauge.	28. Scantlings		31. Bamboos	32. Keeds	Total Baft Traffic		GRAND TOTAL
										I	3,44,606
							-				3,45,281
								deles acid			1,017
											3,01,820 1,017 3,45,281 3,44,606
									,0	-	3,02,162
											675
			4						4		i

A. H. C. MACCARTHY,

Under-Secretary to the Government of Bengal.

The 7th August 1899.

CALCUTTA;

Total

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Comparative Return of Traffic carried on the Tolly's Nala for the years ending 31st March 1899 and 1898.

NUMBER OF PASSEN.	.86-76	181	22	No.										220	128					
NU	.66-868	31	21	No.										810	'ie					
E OF	.86-76	81	20	Rs			ing.							619	'69' 0	0,1				
VALUE OF GOODS.	.66-86	81	19	Rs.						ŭ				£113	19'6	6				
EAGE.	'86-26	81	18	Tons.			0							029'	126'1					
TON-MILEAGE.	.66-86	81	17	Tons.		7								Z19'.	<i>L</i> \$0°7					
	.86-768	31	91	Tons.			in i							879	532			•	•	
TONNAGE.	66-868	31 ;	15	Tons.	<i>_</i>	2			1					262'	178					
	Total.		14	Tons.	117	:	51,343	207	1	894	1,804	1,921	640	824	47,617	22,584	11.101	19 949	1,363	160 900
1897.98.	Down.	10	er	Tons.	117	· :	61,285	202	1	894	1,764	1,867	640	755	47,561	22,396	11,061	12.221	1,363	158 909
	Up.	19	10	Tons.	:	:	.: 68	:	:,	::	90	1.872	:	69	99	188	40	21	:	1 808
***************************************	Total.	1		Tons.	113	:	68,995	29	:	677	1,068	2,696	099	765	87,973	26,778	7,678	12,603	646	168.953
1898-99.	Down.	10		Tons.	113	:	486,89	29	:	1116	1,068	2,647	650	089	37,973	26,533	7,520	12,497	979	166,077
	Up.	6		Tons.	:	:		:	:	.=	;	2,324	1	7.5	:	245	28	106	::	2,876
	NATURE OF CARGO,	00		BOAT TRAFFIC.	1. Cotton, raw and manufactured 2. Woollen goods,	factured	40	grains 6. Hides and		Metals Oils	10. Oilseeds		14. Sugar	ma	rials.	goods	19. Firewood	21. Coal and coke	23. Treasure	Total Boat Traffic
PERIOD OF PRE- VIOUS YEAR.	Collections.	-		Rs.				69,076	2											
PERIOL	Детвидз.	9		Rs.				69,160												
ollected.	Вајавсе пвес	10		Ks.				555	813	-							<u> </u>	-		
o Zairub	Collections creat year.	4	-	ns.			9	73,353												and here
DEMANDS.	For current year.	က	4	. Ps	72,700	121					1,003					2				
	Balance from previous year.	23	D.	•		~	2	₽¢.												
Pariicolass.			•	TOLLAGE.	Boats (private and)	Rafts		建		100	Fines and sundries									•

	N. C. C. C. C. C. C. C. C. C. C. C. C. C.		
			022,78
		60 T.A.	810,18
		e and including a	613,63,00
			844 19 66
		1	023,126,1
	And Control of the Co		\$70,740,8
		Angerta are	823,582
	100 Maria 100 Ma		241,295
C. ft.	19,065	20,997	Tons. 160,290 C. ft. 20,997
. C. ft.	10,074	12,006	Tons. 158,392 C. ft. 12,006
C. ft.	166'8	8,991	Tons. 1,898 C. ft. 8,991
C. ft.	20,989	23,458	Tons. 168,953 C. ft. 23,458
C. F.	8,947	6,716	Tone. 166,077 C. ft. 5,716
-	17,742	17,743	Tons. 2,876 C. ft. 17,742
KAFT TRAFFIC.	24. Timber in logs 25. Squared timber 26. Sleepers, broad- gauge. 27. Sleepers, metre- gauge. 28. Scantlings 29. Poles 30. Firewood 31. Bamboos 32. Reeds	Total Raft Traffic	GRAND TOTAL
			69,076
	en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la companya del companya de la companya del companya de la c		69,160
			999
			73,353
			73,824
44		1	\$
			i
		1	Total
			Total

A. H. C. MACCARTHY,

Under-Secretary to the Government of Bengal,

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Comparative Return of Traffic carried on the Tolly's Nala for the years ending 31st March 1899 and 1898.

NUMBER OF	86.	-2681	23	N	5							0	22,78					
Nu	.66	8681	21	N									10,18					
TE OF	.86	1681	20	Bs			nd!		13			61	19'69'	00'I				
VALUE OF GOODS.	.68	8681	19	Rs.									24'19'					
TON-MILEAGE.	.86-	.897-98.		Tons.			5					02	9,126	ʻī				
Ton-m	.66-	.66-8681		Tons.					150			272	9'270'	7				
Tonnage,	.86-	.86-7681		Tons.			A I			Eig.		879	235,5			*	•	
Toxy	66-6	8681	15	Tons.								968	241,2	The state of				1 11 12 12
	Total.	Total.		Tons.	117	:	51,343	207		1,804	1,921			29.584	11.101	12,242	1,503	160,290
1897-98.	Down.		13	Tons.	117	· :	51,285	207	1	1,764	1,790	640	47,561	22,396	11,061	12,221	4,000	168,392
	Up.			Tons.	i	:	89	:	1 1	40	54	::	99	188	40	11	1	1,898 1
	Total.		11	Tons.	113	:	68,995	19	677	1,126	2,696 7,238	755	87,973	26,778	7,678	12,603	:	168,953
1898-99.	Доwп.		10	Tons.	113	: :	68,987	29	677	1.115	2,647	089	37,973	26,533	7,520	12,497	:	166,077
	Up.		5	Tons.	:	: ;	00	: :	11	=	2,324	76	:	245		901	1::	2,876
	NATURE OF CARGO.	۰	0	BOAT TRAFFIC.	1. Cotton, raw and manufactured 2. Woollen goods,	A	4. Rice 5. Other food-	6. Hides and skins	8. Metals		81		rials.			21. Coal and coke	rieasure	Total Boat Traffic
PERIOD OF PRE- VIOUS YEAR.	ollections.	0 ~		Rs.			040.00	070620						_	201	01 61 6	5	
PERIOD OF PRE- VIOUS YEAR.	Jemands.	1 9		Rs.			60 160	-										
pested	Balance unco	40		Ks.			10	-	-					_	•			-
gairuh	Collections or rent year.	4	- D	ns.			73,353											•
DEMANDS.	For current	8	Be		72,700	121		1 9		1.003								*
1 1	Balance fron previous year.	23	Rs		<u> </u>	~	84			Ī						- 4		-
PARTICJIABS.	0		•	TOLLAGE.	Boats (private and)	Rafts			40.00	Fines and sundries					*			

		022,78
The second secon	ille	810,18
4	75.0	613,63,00
		842,19,66
Total Salaman Comment		023,126,1
		279,740,2
	3	823,582
	_	241,295
C. ft. 19,065	20,997	Tons. 160,290 C. ft. 20,997
C. ft. 10,074	12,006	Tons. 158,392 0. ft. 12,006
8,991	8,991	Tons. 1,898 C. ft. 8,991
	23,458	Tons. 168,953 C. ft. 23,458
8,247	6,716	Tons. 166,077 C. ft. 5,716
	11,742	Tons. 2,876 C. ft. 17,742
24. Timber in logs 25. Squared timber 26. Sleepers, broad. 27. Sleepers, metregauge. 28. Scantlings 29. Poles 39. Firewood 31. Bamboos 32. Reeds	The Train Traine	GRAND TOTAL
		69,076
	1	69,160
	1	999
		73,353
	-	73,824
		₹
		Total

A. H. C. MACCARTHY,

The 7th August 1899.

Under-Secretary to the Government of Bengal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.
MINOR WORKS AND NAVIGATION.

Comparative Return of Traffic carried on the Nadia Rivers for the years ending 31st March 1899 and 1898.

OF BS.	1		No.															
NUMBER OF PASSENGERS.	.86-7681	22												⊅' Τ <i>L</i>				
	.66-8681	0 21	s. No.											1,13				
VALUE OF GOODS.	1882-881	19 20	Rs. Rs.										-	4,62 1,74				
OF	.66-8681	-	-		, 50								09			1		
TON- MILEAGE.	.89-7681	18	Tons.															
TOWNE	66-8681	17	Tons.											•••				
Tonnage.	*86-2681	16	Tons.			i de la							16	86,87	₽			
Town	.66-8681	15	Tons.							_			83	6,98	9			
	Total.	14	Tons.	6	1	8,115 25,840		8,893	14,841	11,233	150	2,942	37,050	80	365	10,645	21,974	146,087
1897-98.	Домп.	13	Tons.	∞	!	101 4,431 17,206	: :	012	14,540	11	105	1,616	22,239	99	251	629	21,928	90,321
	Up.	13	Tons.	1	:	3,684 8,634	:::	3,883	301	11,222	45	2,539	14,811	14	114	10,116	40	65,766
1898-99.	Total.	111	Tons.	ıQ.	:	31 11,639 35,323		2,230	20,298	9,922	489	3,085	44,907	90	444	9,489	12,178	156,142
	Домп.	10	Tons.	rO.	!	9,030 25,861		204	19,731	36	479	2,745	30,018	59	340	854	12,100	104,800
	Up.	6	Tons.	1	:	2,609		2,230	199	9,886	10	2,541	14,889	21	104	8,635	28	51,342
	NATURE OF CARGO.	∞	BOAT TRAFFIG.	0		3. Dyes and tans 4. Rice 5. Other food-grains			10. Oilseeds			o ng ma	ne		Firewood	Coal and coke	22. Jute	Total Boat Traffic
DOF DOF S YEAR.	Collections.	7	Rs.				88,563											
('OBBESPONDING PERIOD OF PREVIOUS YEAR.	Demands.	9	Rs.				88,693											
	Balance uncolle	10	Bs.				999											
-ruo Zai	Collections dur	~9	Rs.				88,756 656										y - 10	
DEMANDS.	For current	က	Rs.	88,738	524							20		4				
DEM	Balance from previous year.	23	Rs.				7 130							727 2794.6				
•	Particulars.	1	TOLLAGE.	Eouis (private and Government).	Rafts			4	}			Fines and sundries						-

							997'12
_							601,18
	467 350E V807						721,74,79,
							097'62'79'
	* (2)						168,874
	- 10 - 4 A A A A A A A A A A A A A A A A A A						886,889
C. ft.	11,467	ı	::	126,635	:	153,607	Tons. 146,087 C. ft. 153,607
C. ft.	11,435	:	::	126,635	:	153,165	Tons. 90,321 C. ft. 153,165
C. ft.	32 410	i	::	: :	:	442	Tons. 55,766 C. ft. 442
C. ft.	780 18,985 		::	228,182	:	247,947	Tons. 156,142 C. ft. 247,947
C. ff.	780 18,715	:	::	228,182	:	247,677	Tons. 104,800 C. ft. 247,677
C. ft.		i	1:	::	:	270	Tons. 51,342 C. ft. 270
RAFT TRAFFIG.	24. Timber in logs 25. Squared timber 26. Sleepers, broad-	27. Sleepers, metre-gauge.	29. Poles	31, Bamboos		Total Raft Traffic	GRAND TOTAL
						1	88,563
							88,693
						T	929
							88,756
		*					89,282
							130
							# 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1

CALGUTTA,
The 7th August 1899.

Total

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

MINOR WORKS AND NAVIGATION.

Comparative Return of Traffic carried on the Orissa Coast Canal for the years ending 31st March 1899 and 1898.

R OF	.86-7681	23	No.									328	IV				
NUMBER OF PASSENGERS.	.66-8681	21	No.									480	£₽				
OF	'86-268T	20	Rs.									799	£8'2#				
VALUE GOODS.	.66-8681	19	Bs.									79†'i	32,72			4 77	
N. AGE.	.86-7681	18	Tons.									048	219'9				
TON-	.66-8681	17	Tons.									291,	0 ₹9 '₹				
TONNAGE.	.86-7681	16	Tons.	, ,								690'	203				
Ton	.66-8681	15	Tons.								,	9₹8'4	91				
	Total.	14	Tons.	286	:	46,487	.: 81	2,377	3,305	1,224	876	2,690	258	1,011	3,589	60	65,126
1897-98.	Down.	13	Tons.	9	i	44,807	4	21	139	25	43	982	233	1	70	75	46,933
	Up.	12	Tons.	280	ı	1,680	77	2,356	3,149	1,199	833	1,708	25	1,250	8,519	11	18,193
	Total.	11	Tons.	194	i	30,483	35	2,084	3,318	1,064	875	3,529	241	9	2,670	4	48,280
1898-99.	Дочп.	10	Tons.	10	:	28,862	1	41	142	0000	181	1,091	230	9	110	4	31,251
	Up.	6	Tons.	189	:	1,621	34	2,043	3,176	1,056	694	2,438	11	600	2,669	:	17,029
	NATURE OF CARGO.	80	BOAT TRAFFIC.	1. Cotton, raw and	2. Woollen goods, raw and manufactured.			Oils Oilseeds	Provisions Salt Snices	14. Sugar	16. Building mate-	17. Miscellaneous	18. Timber	20. Bamboos	coke	23. Treasure	Total Boat Traffic
ONDING D OF S YEAR.	Collections.	1	Rs.				83,213								94.5	1.04	
CORRESPONDING PERIOD OF PREVIOUS YEAR.	Demands.	9	Rs.				85,553										
cted.	Balance uncolle	۵	Rs.				2,063										
-ino Su	Collection duri	4	Rs.				71,236								• 7		T
DEMANDS.	For current	80	Bs.		(69,485)	1,161	~-	10 mg (10	919	fero							
Вем.	Balance from previous year.	63	Rs.			W g	> 2,340			:							
	PARTICULARS.	1	Tollage.		Boats (private)	ment). Rafts		(A) (A) (A) (A) (A) (A) (A) (A) (A) (A)	Tines and condition	salining anna sani							

		41,352
And the second s		284,84
•		299,88,74
The state of the s		291,27,28
		072,218,5
		791'079'7
		890,892
		948,791
C. ft. 87,924	62,096	Tons. 65,126 C. ft. 67,996
C. ft. 33,189 25,572	58,761	Tons. 46,933 C. ft. 58,761
6. ft. 4,735 	8,335	Tons. 18,193 C. ft. 8,335
C. ft. 30,358	66,593	Tons. 48,280 C. ft. 66,593
C. ft. 26,717	60,602	Tons. 31,251 C. ft. 60,602
C. ft. 3,641 	6,991	Tons, 17,029 C. ft. 5,991
24. Timber in logs 25. Squared timber 26. Sleepers, broad-27. Sleepers, metre. gauge gauge Scantings 29. Poles 30. Firewood 31. Banboos 32. Reeds	Total Raft Traffic	GRAND TOTAL
		83,213
		85,553
-		2,063
A Company of the Comp		71,236 2,063
		70,959
	,	2,340
**		1
		otal

A. H. C. MacCarthy,
Under-Secretary to the Government of Bangal.

CALCUTTA;
The 7th August 1899.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Summary of Comparative Returns of Traffic carried on the Canals in Bengal classed as Major Works and Minor Works and Navigation for the years ending 31st March 1899 and 1898.

Demands.
1898-99. 1897-98. 1898-99
62
Rs. Ks.
22,304 21,222 22,231 93,613 1,23,799 88,313 58,197 71,811 57,798 3,193 8,168 3,148 818 3,189 813
2,21,
1,07,491 1,34,483 1,03,085
2,29,834
37,678 23,070 37,394 45,050 33,207 45,031 10,626 9.544 10,626
1
6,0
8,02,837 8,45,281 8,01,820 73,308 69,160 73,353 89,412 88,693 88,756 73,299 85,553 71,236
100

A. H. C. MACCARTHY,

Under-Secretary to the Government of Bengal.

CALCUTTA;
The 7th Aument 1899.

FIRST FORECAST OF THE SUGARCANE CROP IN BENGAL, 1899.

The following is published for general information.

REVENUE DEPT.,

F. A. SLACK,

The 7th August 1899.

Offg. Secy. to the Govt. of Bengal.

DEPARTMENT OF LAND RECORDS AND AGRI-CULTURE, BENGAL.

FIRST FORECAST OF THE SUGARCANE CROP IN BENGAL, 1899.

Explanatory.—The following preliminary forecast of the area and outturn of the sugarcane crop in Bengal is issued under the recent orders of Government directing that two forecasts of this crop should in future be submitted in the place of the note on the crop that has hitherto been incorporated in the final note on the rabi harvest. This is the first separate note on the sugarcane crop published by this Department.

Estimates of the sugar produced from other sources than cane will be included in the final forecast of sugarcane to be issued in December next, as the juice of the date palm, which is the only other source of sugar in Bengal, is usually extracted in the winter, and no reliable estimate of the outturn can at present be made.

Character of the season.—Frequent showers fell in the early and latter parts of January, and the total rainfall for the month was above the average in all Divisions, except Orissa, where it was only half the normal. Rain fell in scattered showers at the beginning of February in most parts of the Province, and after a short spell of fine weather, again fell in heavy showers towards the close of the month in the south-eastern districts. The total rainfall for the month was, however, much below the normal in all parts of the Province, except East Bengal. In March the rainfall was less than the normal in all parts, except North Bengal. In April more than the average rain fell in all districts, excepting North Bengal, where it was slightly in defect. The rainfall in May was, on the average, below the normal in North Bengal and in the Bhagalpur and Chota Nagpur Divisions, normal in the rest of Bihar, but much above the normal in Orissa and Lower Bengal. In June the rainfall was general, and largely above the normal in all parts of the Province, except Orissa, while the rainfall in July has also been unusually heavy. On the whole, the season has been favourable for the cultivation and growth of sugarcane, except in some of the districts of Lower Bengal, especially in Nadia, Khulna, Pabna, Bogra, and Noakhali, where the crop appears to have suffered from excessive rain. In Dacca the crop has been partially damaged by sugarcane disease.

3. Area sown.—In the note on the outturn of the rabi crops in Bengal, published in April last, the normal area under sugarcane in the Province was shown as 996,100 acres. The normal area has since been revised by some District Officers, in consequence of which the provincial total stands at 896,700 acres, showing a reduction of about 100,000 acres. Even this figure appears to be high, and the figures returned by some of the District Officers appear to represent maxima rather than normal areas.

The total area under sugarcane this year is estimated at 868,300 acres against 868,900 acres cultivated in 1898. These figures do not, however, illustrate the general extension of cultivation since last year, observable from a detailed examination of the district returns. This extension would have shown an increase of nearly 18,000 acres since 1898, had it not been counteracted by a reduction due to climatic causes alone in Nadia and Pabna, and to an unexplained drop of 6,900 acres in Manbhum. The figures

for this district appear open to doubt.

4. Outturn.—From the statement appended to this note, it will be seen that an outturn above the normal is expected in 6 districts, while in 19 districts the outturn is estimated at the normal. In 7 other districts the estimate varies between 90 and 100 per cent., in 6 others between 80 and 90, and in the remaining 8 districts it falls below 80. Generally speaking, it would appear that the prospects of the sugarcane crop are good in the comparatively dry districts of Bihar, Orissa and Chota Nagpur, and indifferent in the damper districts of Lower Bengal.

According to the returns of the District Officers, the outturn of the sugarcane crop in Bengal should be estimated at 96 per cent. of a normal crop against 90 per cent. estimated in 1898; but as there appears to be a tendency on the part of some District Officers to underestimate the outturn, it may be safely anticipated that the sugarcane crop for the Province will, as far as can be at present foreseen, yield

about a normal outturn in the current year.

D. L. Roy,

Asst. Director of the Dept. of Land Records and Agri., Bengal.

Countersigned.

P. C. LYON,

Director of the Dept. of Land Records and Agri., Bengal.

CALCUTTA,
The 2nd August 1899.

Preliminary forecast of the Sugarcane crop of Bengal, 1899.

Remarks by the Department of "and Records and Agriculture, Bengal.	0.			The Collector states that the esti- mates of sugar produced from the date-palm will be submitted later on.	The Collector estimates 800 acres as the area covered by sugar crop other than cane and this year's outturn as 83 per cent.	
Remarks by District Officers.	80	Owing to reasonable rainfall, a normal outturn is anticipated.	The outturn is expected to be better than weather. Sugar is not produced from other sources in this district.	It is too early to make an accurate estimate of the outturn of the sugarcane crop now. The outturn may, however, be estimated at 100 per cent.	Owing to seasonable rainfall, the area brought under cultivation this year has been greater than that of last year and from the growth of the plants generally a normal outurn may be expected, provided no accident occurs in the meantime.	On account of seasonable rainfall a larger area has been sown with this crop than in the previous year. Prospect as yet are fair, the Subdivisional Officer of Jahanabad, however, fears that the crop will be damaged by the present excessive rains. Information regarding sugar produced from other sources will be furnished in the final report.
Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	7	100	6	100	16	8
Inking 109 to represent the normal outturn, how much represented out- turn last year (1898) ?	9	100	40	82	20	98
Estimated area sown this year (1899) in acres.	ю	27,460	2,000	17,500	18,700	13,300
Approximate area sown last year (1898) in acres.	4	27,400	6,000	17,000	18,300	12,900
Approximate normal area in a stea.	89	27,400	9,000	15,000	20,400	14,500
		I	1	1	:	1
DISTRICT.	64	Burdwan	Birbhum	Bankura	Midnapore	Hooghly
DIVISION.	1			Burdwan		

Remarks by the Department of Land Re-ords and Agriculture, Bengal.	6.				The Collector estimates this year's area under sugar crop other than cane as 20,000 acres and the outturn as 100 per cent.	The Collector states that the estimates of sugar produced from other sources will follow.
Remarks by District Officers.	00	Owing to the favourable rainfall, the outturn is expected to be above the average. The decrease in the area sown, as compared with the normal, is ascribed to insufficient rainfall when cultivation commenced. Accurate palm and other sources cannot be furnished now.	The decrease in the area sown, as well as in the outturn, is due to the unfavourable state of the warder during the sowing season and to excessive rainfall. The estimate of sugar produced from the datepalm will follow.	The increase in area and outturn is due to the seasonable rainfall and to a sufficient store of water being available for early irrigation. No sugar is produced from any other sources in this district, but molasses are manufactured in some places from date juice, but there is no regular cultivation or garden of date-trees.	*	The crop has been slightly damaged by the rains of the last two months,
Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	-	107	22	100	82	81
Taking 100 to represent the normal outturn, how much represented outturn last year (1898)?	9	107	08	92	19	88
Estimated area rownthis year (1899) in acres.	ю	4,000	10,500	17,000	14,800	3,100
Approximate area sown last year (1898) in acres.	4	4,300	14,000	16,800	11,500	3,300
Approximate normal area in acres.	89	4,500	14,000	17,000	15,000	3,100
		1	i	I	1	I
DISTRICT.	91	24-Parganas	Nadia	Murshidabad	Jessore	Khulna
DIVISION.	1			residency		

t o Minte Tomage a mark		i				1	Mer Maria Magazine (1) y tan di sepa (1) y tan di sepa (1) y tan di sepa (1) y tan di sepa (1)				_	
	Dinajpur	Jalpaiguri	Darjeeling	Rangpur	Bogra	Pabna		Daoca	Mymensingh	Faridpur	Backergunge	
	- 1	1	1	:	1	1		1	ī	1	1	
	24,000	8,100	400	24,100	12,000	66,000		25,000	35,600	-42,600	20,000	
	24,500	3,200	400	22,500	12,000	000'00		25,800	33,600	42,000	20,000	Property of
	30,000	3,300	400	22,500	12,000	52,500		26,800	33,600	42,000	20,000	
}	100	8	75	98	110	20		98	88	88	92	
3	100	80	100	100	100	09		E.	16	100	100	
Ano ingust in contain 3 has been raised from 7,000 acres to 7,700 acres owing to the addition of a new tract to this district. Sugar produced from the date-paim is estimated at 1,200 maunds.	20	No sugar is produced from other sources than cane,	A normal outturn is expected on account of the seasonable rainfall.		Excessive rainfall in the early part of the season prevented timely weeding.	Last year the cultivators sustained a heave	loss in this crop owing to the high flood. They did not consequently sow this crop in the low lands this year, hence the decrease mare. The continual heavy rain in May and June marred the prospects of the outtime. There is no regular cultivation of the date-pealm. It is grown in gardens, and is not worth separately reporting on. Pain sugar is not seen in this district.	The sugarcane crop was partially damaged in the subdivision of Munshiganj by a disease (Trichosphoria Sacchary).	, and the same of	The rainfall of this year has been very favour- able to the growth of this crop, so a full average outtarn is expected.	The sugarcane crop is normal both in area and outturn. It is impossible to give and	figure for the area covered by date-pains, as but are not forwar here in regular orchards, but are generally scattered among citler crops so orcheras of other trees. The outturn from the date-pain is nominal.
100				The figures for area have been revised	since the submission of the last rabi forecast.							

of Land, Bengal.			een revised he last rabi							
Remarks by the Department of Land Records and Agriculture, Bengal.	6		The figures for area have been revised since the submission of the last rabi forecast.				•			
Remarks by District Officers.	00		Cultivation of sugarcane is said to be decreasing in the Feni subdivision. The low outturn is due to early heavy rainfall. Sugar is not produced from other sources in this district.	No sugar of any kind is manufactured in this district.	In the second se	No sugar is produced from any other sources in this district.	A normal outturn is expected on account of the favourable rainfall.	This has been a favourable year to the crop owing to the timely rainfall. The cheap prices of foodcrops and the high price of raw	The normal area has been revised with reference to the survey figures.	The season is favourable for this crop, and the outturn is expected to be a normal one. Not sugar is produced in this district from other sources than cane.
Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	1	06	9	198	100	100	100	110		100
Taking 100 to represent the normal outcurt, fow much represented out- turn last year (1898)?	9	88	88	20	100	100	19	106		06
Estimated area sown this year (1999) in acres.	10	12,800	009	6,700	3,200	30,000	36,000	48,000		13,000
Approximate area sown last year (1898) in acres.	+	11,400	006	5,700	3,200	30,000	36,000	40,000		13,000
Approximate normal area in acres.	99	18,000	006	2,900	3,000	29,000	36,000	40,000		13,000
		ı	1	1	ı	1	1	ı		1
DISTRICT.	63	Tippera	Noakhali	Chittagong	Patna	Gaya	Shahabad	Saran		Champaran
ж.			ĭ		_	1-00			T	
DIVISION.	1		Chittagong						Patus	

The area shown against sugarcane in the estimate of outurn of robi crops, 186.59; was inclusive of the area under other sugar crops, as there was only one heading. "Sugarcane," in that estimate. The correct figure under sugarcane alone is shown here. The area under date-plan is 600 acres, and the estimated outtures is no some contractions.	The contract is too per cells.	Sugar is not produced from any other sources in this district. The figures both of area and outturn are subject to revision in the final forecast.	Timely rainfall accounts for the favourable return.	Continuous and excessive rain in Kishenganj accounts for the low estimate shown in column 7. In the Sadars and Araria subdivisions a full crop is expected. Sugar is not produced here from date-palms.		Owing to timely rainfall, the outturn is expected to be slightly above the normal.	Seasonable rainfall at the sowing time has raised the estimated outturn above the normal.	A normal outturn is expected owing to season- able rains.	The season has been favourable to the sugar- cane crop, and an average outturn is expected.	The decrease in the area as compared with that of last year may be attributed partly to the unfavourable weather at the sowing	the and partly to the cultivators' want of means to grow this crop, which is more expensive than all other crops grown in this district. The outturn has been estimated at 75 per cent, only on the assumption that there will be timely and well-distributed rainfall.
100	104	83	106	6	87	103	104	100	100	15	
100	104	50	106	86	72	86	100	88	100	12	
, 500 9, 500	73,200	6,100	63,700	14,500	4,200	16,700	4,400	4,400	2,000	3,000	,
0000	72,900	6,200	68,700	14,500	14,500	16,700	4,600	2,300	2,000	4,000	
004.6	73,900	6,200	63,700	13,000	2,000	16,700	5,000	4,400	2,000	3,500	
:	ī	ı	1 4	1	-	S.	1	:	· ·	:	
	Darbhanga	Monghyr	Bhagalpur	Parnea	Malda	Sonthal Parganas	Cuttack	Balasore	Angul	Puri	
	7	- According		i i				1		<u> </u>	
·	-			Bbagalpur				Orissa ,			

Remarks by the Department of Land Records and Agriculture, Bengal.	6					The Dannty Commissioner will L.		bly found open to doubt.
Remarks by District Officer.	60		Sugarcane is grown here to a small extent, and	this year is expected to be better than last year's		Sugar is not produced from any other sources	than cane in this district.	
Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	4	100	100		100	08	100	96
Taking 100 to represent the normal outturn, how much represented out- turn last year (1898) ?	9	100	06		88	96	100	96
Estimated area sown this year (1899) in acres.	ю	32,100	200		94,700	12,200	1,000	868,300
Approximate area sowns areas.	4	32,100	200		93,200	19,100	1,000	868,900
Approximate normal are	65	32,100	200		100,000	20,000	1,000	896,700
		:	:	-	i	I	:	:
DISTRICT.	63	Hazaribagh	Ranchi		Palamau	Manbhum	Singhbhum	Total Bengal
Division.	-			Ohota Nagrour		*		

WORKING OF THE INDIAN FACTORIES ACT IN BENGAL DURING 1898.

No. 2466.—The 7th August 1899.—The following is published for general information.

F. A. SLACK,

Offg. Secretary to the Government of Bengal.

No. 2250, dated Calcutta, the 26th July 1899.

From—F. A. Slack, Esq., Offg. Secy. to the Govt. of Bengal, General Dept., To—The Secretary to the Government of India, Home Department.

I AM directed to submit the Report on the working of the Indian Factories Act, XV of 1881, as amended by Act XI of 1891, in Bengal, during the year

1898. The prescribed statements, Forms I and II, are appended.

2. Number of factories and system of work.—The total number of factories actually at work at the end of the year 1897 was 167. Sixteen factories were brought under the Act during the year under report, viz., 3 in the 24-Parganas, 1 in Hooghly, 1 in Howrah, 8 in Dacca, 2 in Purnea, and 1 in Cuttack. At the same time 2 factories in Howrah were removed from the list, and 1 in Jessore remained closed during the year. The total number of factories actually at work at the close of the year 1898 was therefore 180. In 88 factories work was carried on by shifts or sets; in 73 by midday stoppages; in 4 by a combination of shifts and midday stoppages; and in 14 by other means. There is one factory in Dacca, not at work at the close of the year, for which no return was received. The number of factories exempted from the rule requiring a Sunday or weekly holiday was 33 as against 28 in the previous year. The average daily number of operatives in the mills aggregated, men, women and children, 165,027 against 166,828 in 1897. The details for both years are given in the table below. To it have been added, for the purposes of illustrating the growth of factories in Bengal, the figures for 1893:—

		189	98.	1897.	1893.
Calcutta		4,8	892	5,853	5,343
Burdwan			119	2,748	2,459
Midnapore			82	151	98
Hooghly		18,6	350	19,184	12,913
Howrah		39,4		39,023	28,144
24-Parganas		80,		80,983	72,833
Nadia			65	74	90
Jessore					78
Rajshahi			456	536	384
Darjeeling			110	107	100
Rangpur			348	773	572
Pabna*	***		119	4,056	3,572
Dacca	•••		871	4,784	5,973
Patna	•••		330	331	253
	***		818	808	904
Shahabad				661	273
Saran		1,	113		
Darbhanga	•••		751	604	379
Monghyr			226	5,300	4,898
Bhagalpur	•••	***	460	386	449
Purnea	•••		100	******	******
Cuttack		•••	368	216	258
Chittagong		•••	370	250	
	Total	165	.027	166,828	139,973
			_		-

[•] A large factory at Serajganj was destroyed by the recent earthquake, and the business was re-opened on new premises erected near Calcutta.

If the returns have been accurately furnished, the plague scare of 1898 produced no serious diminution of labour at the factories except in the city of Calcutta Proper. The managers had just cause for anxiety, but the effects seem to have been much smaller than was at the time believed.

The Special Inspector of Factories reports that electricity as an illuminant has become quite general in the large mills and in a few workshops; but that

as a motive power it is little used.

The question of the closing of jute mills early on Saturdays was considered during the year, and a special report was submitted to the Government of India on the subject. The mill-owners agreed to close their mills entirely on Saturdays for six months, commencing from the 1st April 1899, an arrangement which happily obviated the necessity of future consideration of the conflicting proposals on the subject. Subsequently, however, to the great regret of all concerned, this agreement was abandoned by the contracting parties; and the matter stands exactly where it did.

3. Inspections.—Ten factories were inspected once, 12 factories twice, 41 thrice, and 114 more than three times. Three factories in the district of Dacca, viz., the jute presses of Mr. J. Nicholas, Tanbazar, and of Messrs. Alexander and Company, Sital Lakhya, and the jute factory of Messrs. Watt Brothers and Company, Madanganj, were not inspected. An explanation of the omission to inspect these factories will be called for. It is reported that the results of inspections were generally satisfactory, and that the suggestions of the inspecting officers as regards sanitary arrangements, fencing of machinery, and other

matters were, as a rule, readily attended to by the mill managers.

4. Sanitary arrangements and ventilation .- The sanitary condition of the factories and the sanitary arrangements in them continued to be generally satisfactory. Factories were, as a rule, well ventilated, and proper steps were taken

by mill managers to keep them clean.

5. Quarters for operatives.—There is still much that is unsatisfactory in the reports received this year. The Superintendent, Campbell Hospital, made certain remarks with regard to the overcrowded and insanitary condition of the bustis in Cossipore-Chitpur. The Magistrate of the 24-Parganas, to whom the matter was referred, reports, however, that he visited some of these bustis where cases of plague had occurred, and was generally satisfied with their cleanliness. The Civil Medical Officer of Serampore states that the mill hands there are mostly low-class up-country people who habitually neglect all rules of sanitation, with the result that their bustis become hot-beds of disease. Similarly, the Magistrate of Howrah writes that the mill operatives, chiefly from Bihar and the North-Western Provinces, live in ill-ventilated huts specially set apart for them. They cluster in hundreds on undrained sites, and are a source of danger to others. These men are for the most part drawn from country villages where rules of sanitation are unknown; and it is not strange that they should keep to the rustic methods to which alone they are accustomed. On the other hand, all the best mills in the neighbourhood of Calcutta have constructed excellent quarters for their coolies. They find it profitable to do so. Even rustics of the Upper Provinces prefer clean, tidy, healthy dwellings, if they can get them, and the mill which provides these will always command the best supply of the best labour. For this reason, that good housing of the mill hands is to the true interest and advantage of the mills themselves, the Lieutenant-Governor has the hope that the example of the better mills will quickly spread. Meanwhile the Magistrates of Howrah and Serampore will use all their influence to that end.

6. Vaccination of operatives.—As a rule no one is admitted into a factory unless he has been vaccinated. Why the practice is not invariably insisted on appears from the following remarks of the Magistrate of Howrah:-

"The up-country part of the population is, however, averse to vaccination, and unprotected persons are everywhere sufficiently numerous to be a great source of danger when small-pox appears. Attempts to get managers of factories to use their influence in this matter have not, as a rule, been successful. It appears to me that there is a great and, I think, excessive tenderness on the part of managers in doing anything to arouse the prejudices of their employés, and this has undoubtedly been increased by the scares involving a temporary loss of labour which have occurred in recent years. In some respects it seems to me that this is pushed beyond the limits of real prudence. I mean that the employés learn to count on getting their own way and that future trouble is thereby stored up"

Water-supply.—The water-supply in most factories, though drawn from various sources was, as reported last year, generally satisfactory.

8. General health of the operatives .- The general health of the operatives was good during the year. A few cases of cholera occurred at the Pottery Works of Messrs. Burn and Company at Raniganj, and in the Narayanganj cooly-lines in the district of Dacca; but these occurrences were not due to any negligence on the part of the managers to adopt precautionary steps. The Commissioner of the Presidency Division has made the following observations on this subject :-

"The general health of the operatives was, on the whole, good. During the latter halfyear, malarial fever prevailed in some quarters. There was an outbreak of low malarial fever at the Budge-Budge and the Clive Jute Mills. Dr. Comley, who was especially appointed to report about this, considered that the prevalence of the disease was for the most part due to the insanitary condition of the bustis near those mills. He suggested certain remedies, and steps are now being taken for the improvement of the bustis on the lines suggested."

9. Wages and general condition of the operatives.—There was no material change during the year under review in the rates of wages paid to different

change during the year under review in the rates of wages paid to different classes of operatives, which are generally higher than those prevailing for agricultural labour in the neighbourhood. It is, however, to be borne in mind that the coolies recruited from the North-Western Provinces and Bihar come here to save the greatest sum of money in the shortest time. They rigidly limit their expenditure to the lowest sum necessary to support, not health, but life. They live in the meanest huts, and eat the worst food, because these are the cheapest. Hence there is no necessary connection between the wages received by them, and their physical condition. Last year it was stated that the condition of the operatives in the Kajla Silk Filature was poor, though the rate of wages paid was fair. The Commissioner of the Rajshahi Division reports that during the year under report the operatives in this factory received good wages in comparison with those received by labourers employed on other works. Their condition is reported to have been tolerable.

10. Employment of women and children.—The rules regarding the employment of women and children were duly observed. Light work such as spinning, weaving, &c., was given to them. Women and children were employed in large numbers in jute and cotton mills and presses, where the system of work was carried on mainly by shifts or sets, with intervals of rest and general and occasional holidays. Special care was taken not to admit children of doubtful ages until they were examined and passed by the certifying surgeons. Accidents to children in cleaning the machinery when it was in motion were very few, and these were due to disobedience of the

factory rules.

With regard to the improper employment of children, Mr. Duke, Magistrate of Howrah, on two or three occasions detected children under age working in certain jute mills. The excuse invariably was that their presence was unauthorised; that they had come with food for their parents. He remarks that it is against the interest of the managers to enrol children in their books as workers until they are worth the pay of their class; hence there is a strong temptation to let them hang about the mills and pick up the necessary knowledge beforehand. He suggests as the best remedy the absolute prohibition of the presence of such children in rooms in which work is going ona prohibition perhaps hardly required by the present dimensions of the evil.

The Special Inspector has made the following remarks on this subject:-

"As several fatal accidents have happened in jute mills to women working at the softeners, I think it would not unduly hamper the managers if women were forbidden to work at these machines, at least at the feed-end: the work is decidedly arduous, and bangles on their arms and wrists, and anklets on the feet, have, on several occasions, been the direct cause of fatal accidents. In the majority of mills only men are employed for this work."

The fatal accidents to women in jute mills were this year very numerous, and these remarks will be commended to the managers of all jute mills.

11. Fencing of machinery .-- The machinery in the factories is generally reported to have been properly fenced. The following remarks are quoted from the report of the Special Inspector of Factories:-

"It will be seen from the list of fatal accidents that several have occurred again at the jute-softener. I have always considered this machine one of the most dangerous to work at, and years ago recommended that automatic travelling tables should be fitted at both ends, and thus avoid the necessity of placing the jute by hand near the rollers. I inquired into the cause of the last accident at this machine, which occurred at the Sibpur Jute Mill, and it appears that the woman allowed jute to become entangled with her foot. I calculate that six or eight seconds must have elapsed before her foot entered the rollers, and had any of the workers about (and there were numbers of them) thrown over the lever to stop the machine, no accident would have happened; but it transpired that many hearing her screams rushed away, and those that came to her assistance simply pulled at her: not one having the sense to throw over the lever. I do not think anything further can be done to guard the machine, but, as already suggested, women might be forbidden to work at the 'softener.'

"A fatal accident occurred at the Bengal Spinning and Weaving Mill, whereby the oil-man lost his life when oiling the bearings of the first-motion pulley. I regret that I did not specially specify a guard to be placed near this bearing, as I had always considered such places dangerous. I note from my back inspection report the following passage, with reference to this factory, dated 12th May 1896:—

'Nothing has been done to place a hand rail from the engine-room to the first and second-motion pulleys, the bearings of which have to be oiled and examined by walking along a narrow plank saturated with oil: any slip might result fatally.'

"At my subsequent inspections hand-rails had been erected, but an additional guard in this place would have been some help when oiling, although in large steamers the engineers are compelled to oil the engines with less guards than mill engines are provided with, and frequently in very rough weather."

12. Accidents.—The number of accidents that occurred during the year was 553 as against 651 and 493 during the two preceding years. Two hundred and seventy-nine were of a serious nature, and 246 were of a slight nature; and 28 proved fatal, nine more than in any previous year.

The following is a list of the more notable of the fatal accidents:-

(1) One man was killed by being jammed when shunting wagons on the East Indian Railway workshop.

(2) A girl (four years of age) was found dead under a bundle of twist yarn at the Baranagore Mill (North).

(3) A man was killed at the Khardah Mill working at the jute-softener: his arm was torn out at the shoulder.

(4) A woman was killed at the jute-softener in the Clive Jute Mill: the jute became entangled in a bracelet she wore, and drew her arm into the rollers.

(5) One man was killed at the softener machine in the Shamnagore Jute Mill.

(6) A man was killed at the Victoria Jute Mill; jute having lapped his body, he was drawn into the jute-softener.

7) A woman engaged in feeding the softener at the Sibpur Jute Mill got some jute entangled round her foot, and the leg was drawn into the rollers.

(8) One man died at the Bally Mills from scalds he received by opening the man-hole of a boiler (for boiling grass or rags) before all the steam had been exhausted.

(9) An oil-man was killed at the Sibpur Jute Mill when engaged in oiling the mill engine: he was knocked over by the crank and crushed.

(10) One man (a prisoner) in the Bhagalpur Jail was killed in endeavouring to replace a belt on the pulley: he was caught by the belt and carried round the shaft.

(11) One man was killed at the Dunbar Cotton Mill by replacing a belt: he was carried round the shaft and received injuries, from which he died.

(12) The oil-man at the Bengal Spinning and Weaving Company was killed when oiling the first-motion pulley shaft: the ropes must have caught some loose clothing and severed the legs from the body.

(13) One man was killed by a fall when oiling a shaft at the Ganges Jute Mill.

(14) A woman was killed in the Howrah Mill by a trolly accidentally knocking her down and running over her.

on 16th February 1898, by an explosion of gas. The men were searching for an escape of gas, and finding a small locked godown smelling strongly of gas, went inside and struck a light causing the explosion. Ventilators have since been put in.

13. Prosecutions—There were three prosecutions under the Factory Act during the year under report. The proprietors of the Jheel Press at Cossipore in the 24-Parganas were prosecuted under section 15 (g) of the Factories Act for neglecting to keep their latrine in a cleanly state and on conviction, they were fined Rs. 50. The Manager of the Sura Jute Mill in the same district was prosecuted under section 15 (i) of the Act for neglecting to send notice of an accident either to the Magistrate or to the Police. On conviction, he was fined Rs. 32. The Manager of the Magra Bone Factory in the district of Hooghly was prosecuted for neglecting to give the notice required by section 14 of the Factories Act, and on conviction was fined Rs. 40.

"RESOLUTION ON THE ANNUAL REPORT ON THE GOVERNMENT CINCHONA PLANTATION AND FACTORY IN BENGAL FOR THE YEAR 1898-99."

FINANCIAL DEPARTMENT .- MISCELLANEOUS.

Calcutta, the 5th August 1899.

RESOLUTION-No. 4557 Mis.

READ-

The Report on the Government Cinchona Plantation and Factory in Bengal for the year 1898-99.

Read also-

The Report for 1897-98 and the Resolution of Government recorded thereon.

The rainfall for the year was normal. The low temperature which prevailed in January 1899, did considerable injury to the nursery beds of the Mungpoo Division, and the mortality among the seedling plants was so great that the proposed extension of the plantation for the coming year will have to be considerably curtailed. The number of trees uprooted at the plantation for their bark was 469,440 against 245,109 in the previous year, while 170,136 young trees were planted out. The result of the year's operations was that the total number of living plants (excluding the nursery stock, which amounted to 138,080) at the close of the year was 2,179,245.

2. The crop of the year amounted to 236,098 lbs. of dry bark, all of which was obtained from the trees uprooted in the Government plantations in Sikkim. The bulk of the bark was of the quinine-producing sort, and, with the exception of 1,0031 lbs. supplied to medical depôts or sold to Government officers and to the public, the whole crop was, as usual, made over to the cinchona factory for manufacture into quinine and febrifuge. Besides the bark obtained from cropping, 131,615 lbs. of bark were purchased from private plantations in Sikkim and Southern India. The Superintendents of Cinchona Cultivation, Bengal and Madras, met at a conference to consider the question of the relationship of the Bengal and Madras factories, respectively, towards the bark market in Southern India, and a definite understanding was come to

regarding future purchases of bark in that locality.

3. The outturn of the factory was 10,335 lbs. of sulphate of quinine and 3,921 lbs. of cinchona febrifuge against 10,149 and 4,075 lbs., respectively, in

1897-98. The following statement compares the issues of the year with those of the preceding year:—

		1897	-98.	Mar.		189	8-99.	
	Sulphat		Cinchor febrifug		Sulphat		Cincho febrifu	
1	2		3		4		5	
	lbs.	oz.	lbs.	oz.	lhs	. oz.	lbs.	
Po Medical Date On					100	. 02.	108.	OZ
To Medical Depôt, Calcutta	1,739	0	500	0	1.535	0	40.1	
Ditto, Mian Mir	2,851	8	500	0	2,165		400	0
To Inspector-General of Civil Hospitals, Bengal (for District Medical Officers, Bengal).		1 .	100	0			* 69	0
To Inspector-General of Jails, Bengal (for jails and lock-ups in Bengal).	2	0				0	1	0
To inspector-General of Jails, Bengal (for making into pice-packets at Alipore Jail).	2,200	0	•••••		2,200	0	••	
To Inspector-General of Jails. Bengal (for compensation for loss of weight in conversion into pice-packets).	22	0	•••••		22	0		
North- Mestern Provinces and Oudh (for making into pice-packets at Aligarh	800	0			60	0		
Ja11).		1000				9.4. 3		4
North-Western Provinces and Oudh (for compensation for loss of weight in	8	0			0	8		
conversion into pice-packets).						. 12		
and medical missions, &c.	3,314	220			2,785	141		
old to Government officers and to the general public.	••••		2,297	4			2,528	8
iven as samples	2	715	1	0	3	21	4	
Total	10,939	25	3,398	4	8,766		2,993	4

The decrease in the issues of sulphate of quinine is due to a diminished demand on the part of the medical depôts in the Bengal and Punjab Commands, to the transfer to the Madras factory of the obligation to supply the North-Western Provinces with the drug, and to the falling off in the demand by Government officers and medical missions for distribution to the poor. The fact that Government officers took smaller supplies than in the previous year. The stock of sulphate of quinine in hand at the close of the year was greater by 1,569 lbs. than it was at the close of the year 1897-98

by 1,569 lbs. than it was at the close of the year 1897-98.

4. The following statement compares the receipts from the sale of sulphate of quinine, cinchona febrifuge, cinchona bark, and other products of the plantation during the last two years:—

By sale for cash By credit from the medical depots and Port Blair.	1897-98. Rs. 73,220 60,548	1898-99. Rs. 73,327 52,871
By credit from the Inspector-General of Civil Hospitals, Bengal.	1,000	€00
By credit from the Inspector-General of Jails, Bengal— For jails For pice-packets By credit from the Inspector-General of Civil Hospitals, North-Western Provinces	30 30,800 11,200	95 31,900 725
aine	1,76,798	1,59,518

5. The expenditure on the plantation amounted to Rs. 58,472 against Rs. 66,509 in the previous year, the decrease being chiefly in the temporary establishment and in the salaries of European assistants. The amount spent on account of the factory fell from Rs. 89,278 to Rs. 65,468. Of this reduction however, Rs. 25,756 was due to smaller purchases of bark in Madras, and the Superintendent points out that this cannot be regarded as a true saving as it would have been to the advantage of the factory to spend the full allotment of half a lakh.

6. The cash receipts show a surplus over cash expenditure of Rs. 35,579; but, owing to the fall in the price of bark, there has been a large decrease in the value of the stock in hand; and Dr. Prain estimates the net profits at Rs. 10,879 as against Rs. 11,632 last year. Under the circumstances this must be held

to be satisfactory.

7. The Lieutenant-Governor desires to thank Major Prain, and also Mr. R. Pantling, the Deputy Superintendent of the Cinchona Plantations, for their efficient management of the plantation and factory during the year.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secy. to the Govt. of Bengal.

RESOLUTION ON THE TRIENNIAL REPORT ON THE WORKING OF THE CHARITABLE DISPENSARIES IN BENGAL FOR THE YEAR 1896, 1897-98.

MUNICIPAL DEPARTMENT .- MEDICAL.

Calcutta, the 7th August 1899.

RESOLUTION-No. 3994Medl.

READ-

The Triennial Report on the working of the Charitable Dispensaries in Bengal for the years 1896, 1897 and 1898.

Read also-

The Triennial Report for the years 1893, 1894 and 1895, and the annual returns for 1896 and 1897 and the Resolutions recorded upon them.

The Triennial Report was due to Government on the 1st of May and was submitted on the 3rd of July. It is explained that the delay is due to the necessarily large volume of statistics required and the difficulty of obtaining

correct figures from the local officers.

2. Number of Dispensaries.—The number of dispensaries rose from 450 in 1895 to 492 in 1898. There is a gratifying increase in the number of Local Fund dispensaries, which have increased from 215 to 289 during the period under review. To this total the District Board of Backergunge contributed no less than 14 new dispensaries. In the same district a system of medical relief was inaugurated which Colonel Hendley rightly regards as being almost as important as the opening of new dispensaries. This is the bringing of medical aid to the homes of the people by entrusting simple medicine chests to the headmen of villages remote from dispensaries. Another system favourably noticed by Colonel Hendley is that by which a medical officer visits certain centres at short fixed intervals. This system has been worked with success in Ranaghat by private agency, and is said to be employed extensively in the more sparsely populated parts of Russia. Both systems seem well suited to Bengal, and the Lieutenant-Governor will be glad if the Inspector-General of Civil Hospitals can arrange to give them a more extended trial.

3. Administration.—An unsatisfactory feature of the administration noticed in the last report was the inferiority of the subordinate medical staff relatively to that of other provinces. During the past three years important steps have been taken towards remedying this, both by improving supervision and by the introduction of several necessary reforms. Of these the most noticeable is the improvement in the position and prospects of Civil Assistant Surgeons. Seven Civil Surgeoncies have recently been allotted to this class of medical officers, and a senior grade on Rs. 300 per mensem has been created. Unemployed pay, which was felt as a serious hardship, has also been abolished. These changes should go far towards increasing the attractiveness of this

branch of the service.

In the matter of the medical education of Hospital Assistants an important advance has been made by extending the course of instruction in vernacular medical schools from three to four years, with the special object of including

medico-legal work in the curriculum.

It was noted in the last resolution as a serious defect in medical administration that the power given to the supporters of private dispensaries of engaging any medical men they chose often led to the appointment of unsatisfactory persons. This has since been remedied by making all such appointments subject to the approval of the Inspector-General of Civil Hospitals. Colonel Hendley is now of opinion that still more power in this respect should be put into the hands of the Inspector General of Civil Hospitals, and that he should be given authority to remove any man whom he considers incompetent, and to veto the removal of any incumbent. It may, however, be doubted whether the

advantages to be gained by a more efficient and centralised control would not be more than counterbalanced by the alienation of sympathy and interest of those who support the institutions, and who would feel that their powers and rights had been impaired. Another change which has been made is the fixing of an average rate of contribution from local bodies for the loan of Government Medical Officers. Instead of paying the actual grade pay of the officer appointed-a charge which often weighed heavily on their resources when a senior officer was appointed to a poor dispensary or was promoted while in charge of it—they are now required to pay a fixed contribution irrespective of the grade of the officer in charge. The advantages of this change are

obvious, and the system has worked excellently in practice.

4. Inspections.—The number of inspections of outlying dispensaries by Civil Surgeons rose from 391 in 1896 to 409 in 1897 and 420 in 1898. Colonel Hendley has paid particular attention to the question of inspections and has treated the subject in a thoroughly practical manner. While reducing where necessary the number of inspections previously prescribed, he has taken great pains to ensure that inspections shall in all cases be thorough, and such as will be of practical assistance to the Civil Surgeons' subordinates. Since his appointment in April 1898, Colonel Hendley has himself visited nearly all the important civil stations in Bengal, and subsequently to the amalgamation of the Sanitary Commissioner's office with that of the Inspector-General of Civil Hospitals, he has had the benefit of Major Dyson's assistance in this branch of work.

Management by local bodies .- The number of dispensaries managed by local bodies during the last three years was as follows:-

**			1896.	1897.	1898.
Municipalities	***	***	122	123	125
District Boards	•••	***	138	153	157
Joint			1	2	3

In the last Triennial Report the Inspector-General of Civil Hospitals had to complain that local bodies generally showed a want of interest with regard to the management of dispensaries. Colonel Hendley now reports an improvement in this respect. He has, however, still some complaints to make, of which the most important is given as follows in his own words:-

"Municipal contribution towards the maintenance of dispensaries is fitful, and is regulated in accordance with the amount of private subscriptions, &c.; that is to say, if the income of a dispensary from these and other sources is sufficient just to meet its bare requirements, the Municipality expends nothing from municipal funds upon it No great improvement or reform can be hoped for unless it is laid down that, no matter whatever the income from local sources was be the surgicipalities and the same and the surgicipalities. income from local sources may be, the municipalities must contribute a certain percentage of their income towards the maintenance, improvement, etc., of the medical charities under their care, or that they must meet all ordinary charges, leaving most extensions and all those extra expenses which go to make up the success of a medical institution to the charity of the

The Inspector-General has already submitted proposals to Government on this point, and the matter has been separately considered and orders passed. While fully sympathising with Colonel Hendley's laudable desire to remove the deficiencies in dispensary administration which do no doubt exist, the view of the Lieutenant-Governor is that the proper remedy is to be found, not in fixing a minimum for all municipalities, whose needs and resources must vary according to their circumstances, but in watching individual cases of neglect, and in stimulating expenditure in such cases by bringing them to the notice of the local officers. To adopt Colonel Hendley's proposal would be to check the flow of private charity by declaring that it shall in no case whatever suffice. It is to be observed that additional motive power in this matter has been given to municipal expenditure on medical charities by the amendment in 1896 of section 69 of the Municipal Act, under which medical expenditure is now under the control of the Commissioner. That municipalities are on the whole not backward relatively in contributing to dispensaries is shown by the fact that in 1897-98 the municipalities of the North-Western Provinces with a total income of nearly 45 lakhs contributed Rs. 60,000 to dispensaries, while in Bengal out of an income of 38 lakhs municipalities contributed Rs. 1,86,000. Moreover, the figures given in paragraph 12 of Colonel

Hendley's report show that the proportion of patients treated in municipal dispensaries to the population of the municipalities themselves is 48.61 per cent.—a fact which clearly indicates that the area of municipal charity extends far beyond municipal limits. The Lieuenant-Governor observes with pleasure that municipalities are on the whole fully sensible of their obligations in the matter of medical charity, and has no doubt that, as opportunity serves, there will be still further advancement in this important duty.

6. Patients.—The number of indoor and outdoor patients treated in dispensaries during the period under review as compared with the figures of the

three previous years is as follows:-

				PATIENTS.		Population	Ratio per cent.	
YEAR.		Indoor.	or. Out-door. Total treated		excluding Calcutta.	of total treated to population.		
	1		2	3	4	5	6	
1896 1897 1898			47,109 55,644 42,086	2,637,501 2,778,468 2,837,759	2,684,610 2,834,112 2,879,545	70,665,428	3·79 4·01 4·07	

The increase in the number of outdoor patients in 1898 is particularly satisfactory, inasmuch as it occurred in an exceptionally healthy year and one in which the fear of plague measures might have been expected to deter the people from having recourse to Government dispensaries. In other provinces the attendance shows a large falling off, which is ascribed mainly to this cause, and the fact that the contrary was the case in Bengal is testimony to the increasing popularity of the dispensaries and to the confidence felt by the people in their administration.

The following table shows the comparative attendance in Bengal and other

provinces:-

Province,	Number of dispen- saries.	Area of the provinces in square miles.	Square miles per dispen- sary.	Population of the province.	Population per dispensary.	Number of patients treated.	Number of patients per dispensary
1	2	3	4	5	6	7	. 8
Bengal	487 337 496 121 265 331 99	151,543 125,144 141,189 71,582 110,667 107,507 171,430	311 371 280 591 417 324 1,731	70,665,427 18,901,123 35,630,440 9,501,401 20,860,913 46,905,085 7,605 560	145,103 56,086 71,835 78,524 78,720 141,707 76,820	2,879,845 1,710,219 4,048,329 1,512,489 3,241,543 3,635,480 754,458	5,913 5,074 8,161 12,499 12,232 10,985 7,620

As has been noted in previous reports, a principal cause of the comparatively low attendance in Bengal is the number and popularity of the local kobirajes and hakims, whose paid service are largely preferred by the people to the gratuitous services of the dispensaries. So far as this is evidence of the prosperity and independence of the population of Bengal, and of their reluctance to avail themselves of charitable assistance when they are able to help themselves, it is a matter for satisfaction rather than regret. Colonel Hendley expresses himself as not unmindful of the claims of private practitioners, and rightly disclaims all idea of competing with them. At the same time he considers that the charitable dispensaries have not yet reached all those for whom they are intended, and ascribes the reluctance to attend of those who would otherwise do so as in part due to the low standard of accommodation and the want of additional comforts in them. The Inspector-General of Civil Hospitals does not lose sight of the fact that the proportionate expenditure on patients is considerably higher in Bengal than in most other provinces, and his remarks on this subject contained in a circular addressed by him to all Civil Surgeons deserve quotation. They are as follows:—

"In nine cases out of ten it is not so much to want of money as to want of persistance and ingenuity that the bad condition of our hospitals is to be attributed. A good Surgeon

who is possessed of tact, skill and enthusiasm, as a rule, will soon be able to indoctrinate others with some of his zeal, and at all events be able to make a number of small improvements which will add to the popularity of his dispensary and increase the comfort of the people under his care. It does not take much money to put up a few pictures in a ward; to whitewash the lower panes of a window so as to prevent passers by from looking into the room; to make a pathway across a swampy comound; to erect screens so that women may be seen in privacy, to cleanse walls and floors, nor does it lower the Hospital Assistant's dignity or even his influence to be courteous to all and polite to women or kind to children."

There can be no question as to the soundness of these eminently practical remarks, and no doubt that the method suggested in them must do much towards raising the attendance in the Bengal dispensaries to its proper level. The Lieutenant-Governor earnestly commends them to the officers in charge of dispensaries and hospitals throughout the province. These may seem small matters; but it is these little acts of consideration and thoughtfulness for the comfort of the patient, that add, out of all proportion to their apparent value, to the attractiveness of a hospital.

7. Indoor patients.—The number of dispensaries which offered indoor relief, the number of beds provided, and the daily average of indoor patients is as follows:—

	Dispensaries for indoor patients.	Number of beds provided.	Daily average of indoor patients.
1	2	-3	4
1896 1897 1898	 192 201 203	3,057 3,247 3,314	1,898 2,227 1,868

The decrease in 1898 was due to the plague scare. The reasons noted by Colonel Hendley for the comparatively low general attendance at dispensaries have particular force as regards indoor attendance. Special attention has been given to the questions of providing pauper wards and of attaching to dispensaries free quarters for the relatives of patients, both of which were noted on in the last triennial Resolution. In accordance with the remarks therein contained, enquiries have been made into both matters. As regards the provision of pauper and moribund wards, it is pleasant to note that great advances have been made, and that all the improvements of which finances would permit have been provided. Want of funds, however, has prevented much being done towards providing accommodation for relatives of patients. Until much more has been effected to increase the comforts of the patients themselves, those of their relatives must for the present remain in the background. The question of abolishing indoor treatment in outlying dispensaries where in-patients cannot be treated as they should be, has been considered and rejected, on the ground that any indoor accommodation is better than none, and that where defects exist, the defects themselves, and not the boon conferred by indoor treatment, should be got rid of.

8. Diseases treated.—The following table shows the number of cases of the principal diseases treated at dispensaries during the three years under review, with the corresponding total mortality among the general population:—

Parameters of the second	Small- pox.	Cholera.	Dysentery and diarrhœa.	Malarial fevers.	Diseases of the spleen.	Skin diseases.	Eye and ear diseases.
	2	3	4	• 5	6	7	8
Cases treated, 1896—. 8	515	37,659	4,58,201	15,70,880	3,17,563	11,75,170	6,38,306
Total mortality among general population during 1896-98	47,312	4,88,091	1,38,912	48,58,840	, - ,		

These statistics have been obtained from the collation of figures in the now amalgamated offices of the Inspector-General of Civil Hospitals and the Sanitary Commissioner, and have been corrected from the later figures received in the separate report of the latter on sanitation. It will be seen that only a very small percentage of cholera and small-pox cases are taken to dispensaries for treatment. The largest number of admissions, as is natural, is due to malarial In this connection it is noticeable that during the period under review the quantity of quinine sold at post offices fell from 31,867 packets in 1896 to 27,905 in 1897 and 24,295 in 1898. This subject is engaging the special attention of the Inspector-General of Civil Hospitals.

9. Surgical operations. - The division of operations into "major" and "minor" which was followed in previous reports has now been abolished under the orders of the Government of India. The consensus of professional opinion in the province is that the present system of classification is in several ways defective, and that opinion is now being considered by the Government of India. The progress made during the last three years is shown by the

following statement:-

				Number of operations.
1896		•••	• • •	 124,067
1897		•••		 135,505
1898	•••	•••		 137,123
	Avera	ge 1893 to 1 8 95		 105,740

Large as has been the increase in the number of operations during the present period, it still remains far below that in the North-Western Provinces and the Punjab. Colonel Hendley does not accept the explanation which is frequently given that the inhabitants of Bengal are averse to surgical operations, and ascribes the comparatively low figures in Bengal to lack of attention on the part of medical subordinates to this branch of work. The remarks contained in his circulars and inspection notes which are annexed to the report show that he has given special attention to this subject, and the Lieutenant-Governor will await the results with interest.

In the selected list of surgical operations performed by individual officers, the list is headed among Civil Surgeons by Major T. R. Macdonald, I.M.S., with 419 operations, Lieutenant-Colonel A. Tomes, I.M.s, with 413, and Lieutenant-Colonel Macrae, I.M.S., with 406. Among Civil Assistant Surgeons Babu Bepin Vehary Gupta stands first with 482, and among Civil Hospital Assistants Babu Nibaran Chunder Sen and Babu Basanta Kumar Chakerbati performed 136

and 101 respectively.

10. Class and sex of patients .- The sexes of patients treated during the period under review are given as follows:-

1896 1897 1898	Men. 1,603,533 1,711,742 1,762,033	Women. 423,238 458,670 462,412	Ohildren. 6,57,839 6,63,700 6,55,400	Total. 2,684,610 2,834,112 2,879,845
Total	5,077,308	1,344,320	1,976,939	8,398,567
Total for 1893, 1894, and 1895	3,901,382	1,060,813	1,729,562	6,691,757

The continuous rise in the number of females is particularly satisfactory, and shows clearly the increasing confidence of the people in the dispensaries. The proportion of females is slightly lower in 1898 than in the previous year, owing to the credence given to rumours that Government plague measures in some way affected the honour and safety of women. Even in this year, however, there is an increase in the total numbers treated. The number of Hindus treated in 1898 was 1,735,605 as against 1,059,108 Musalmans.

11. Finance - The following table compares the income and expenditure of the dispensaries for the last three years:-

	1896.	1897.	1898.
respective to the second secon	2	3	4
Income.	Rs. A.	P. Rs. A.	P. Rs.
Cash balance on 1st January	25,497 3	10 27,048 13	400. A.
From Government—	,20.	21,048 13	5 42,428 15
As salaries - *			
			1 1 7 c, r x
Medical officers Inferior dispensary establishment (includi	45,810 9 ng 6,316 9		3 61,370 8
As recistered also.	May Surface to	9 7,150 15	7 7,832 1
As European medicines	4,655 0 1,850 7		5,979 11
For diet, including police cases	4,556 9	0 0,000	2 2,756 1 6,523 2
Special allowances given by Government	7,715 10	1 14,188 3	
Total	70,904 15	9 99 500	
From local or other funds-		55,750 11	97,30.5 14
Local funds	2,24,444 2	5 2.59.516 11	
Municipal funds Interest on investment	2,04,291 12	7 2,23,452 7	5 2,47,107 9 5 1,86,124 7
Sale of securities or withdrawal of denosite	39,484 13	10 34,267 8	9 45,240 9
Subscriptions-	12,000 12	57,804 \$	28,129 1
From Europeans	91 879 #		
Do. Natives	21,578 5 2,30,699 6	3 26,684 8 6 4 2,24,641 12 9	
From sale of medicines at characters	. 1,930 9	7 1,713 3 1	-10-10/# 10 6
Government.	683 2	3 1.465 4 6	
Miscellaneous receipts	. 8,971 12	6 10,197 6 2	12,669 13 3
Total income	. 8,55,320 0	2 9 30,578 10 5	9,14,473 8 7
Expenditure.		w	
Paid by Government—	*	70.	
As salaries—			
Medical officers	46,428 9	49.000 -	
Nursing establishment	/	48,290 7 8	61,580 8 2
nferior dispensary establishment—			
Compounders, dressers, &c. Menial servants	3,292 2 8	8,577 14 5	0.070
aid from local sources-	3,204 5 1		3,376 11 5 4,555 6 2
As salaries—		1 1 1 1 1 1 1	
Medical officers	2,44,262 3 11	2,55,719 15 9	957 (71 7 0
Inferior dispensary establishment-	6,548 15 8	6,299 13 3	2,57,871 7 8 4,121 4 5
Compounders, dressers, &c.	54,757 8 10	58,569 4 2	FO 000 -
On bazar medicines	58,623 0 8	65,551 2 11	59,878 1 7 64,970 7 5
" Europe medicines	19,842 6 9 1,15,446 14 1	20,028 8 0	18,696 6 7
" diet " miscellaneous charges (including registers	78,222 8 5	1,20,398 14 2 1,06,680 10 8	1,30,493 12 11 80,605 12 10
supplied by Government).	60,025 5 6	69,264 7 5	67,845 3 4
Un buildings or repairs	97,905 11 2	1,07,714 2 5	84,436 3 4
	41,818 4 1	24,212 5 0	30,967 11 5
Total expenditure	8,29,372 11 2	8,90,202 7 0	8,69,359 0 10
Cash balance on 31st December		The second second second	

The main sources of income are of course contributions from local funds and private subscriptions. Of these, the former has already been noticed. As regards subscriptions, Colonel Hendley now renews a suggestion previously made by Dr. Harvey in 1894, that subscriptions for special objects tending to

the improvement of comfort in dispensaries should be kept distinct from the fund administered by the local managing authorities, and should be administered

solely by the Civil Surgeons.

He bases this proposal on the fact that in many cases private subscriptions to a dispensary show a falling off after it has been taken over by a Municipality, the reason given being that people are unwilling to pay twice, once in the form of subscriptions, and once in the form of taxation, for the same charity, and that they consider that their subscriptions, intended by them for a special charitable purpose, are merely applied to the relief of local taxation. Colonel Hendley's proposal has been separately submitted, and is now engaging

the attention of Government.

In the meantime it may be remarked that though in some cases there has undoubtedly been a falling off in subscriptions of the nature indicated, still their total amount in 1898 was higher than it has ever been before, and aggregated in that year over 21 lakhs. The income derived from subscriptions in the North-Western Provinces is slightly over 1 lakh; and after making all due allowances for the difference that exists between the two provinces in wealth and population, it cannot be said that the standard of charity in Bengalis unduly low. On one point in this connection the Lieutenant-Governor is altogether unable to agree with the Inspector-General. Referring to the maintenance of private dispensaries by wealthy individuals, Colonel Hendley says:-

"These are not charitable institutions, but such as it is either incumbent on such persons from their position to maintain for their tenants, servants, or employés, or which they desire to keep up for their own convenience. In all these cases the individual is under the same obligation as, and takes the place of, Government. The inclusion of such expenditure under the heading of 'Subscriptions' is likely to lead to a false impression of the amount of charity which prevails in the province."

The Lieutenant-Governor cannot share this view. He has frequently had much pleasure in publicly acknowledging the munificence of the landed nobility and wealthy classes in this respect, and would on no account to convey to them the impression that their generous donations are not received in the spirit in which they are offered. Charity is, it is true, an obligation incumbent upon all alike, but all do not equally appreciate the obligation, and the greater credit is due to those who do.

Deducting the amount invested there was an increase of expenditure of Rs. 66,953 in 1896 and of Rs 78,435 in 1897, and a decrease of Rs. 27,558 in 1898. Under the head of "Diet" there was an increase of Rs. 9,484 in 1896 and of Rs. 28,458 in 1897, and a decrease of Rs. 26,094 in 1898. The

variations are accounted for by the famine of 1896-97.

The amount spent on European medicines rose by Rs. 1,743 in 1896, by Rs. 4,952 in 1897 and by Rs. 10,094 in 1898. The large increase in 1898 was due to the purchase of new surgical implements and appliances. The system introduced in 1894 of obtaining the supply of medical stores from Messrs. Burgoyne, Burbidge and Company, of London, and tinctures and other preparations from Calcutta has been generally approved by Civil Surgeons, but has not led to the decrease in expenditure which was anticipated in the last Resolution.

12. The office of Inspector-General of Civil Hospitals was held during the three years by Colonel G. C. Ross, from 1st to 27th January 1896 and from 9th May 1896 to 2nd February 1897; by Colonel G. Hutcheson, from 28th January 1896 to 8th May 1896; by Colonel B. Franklin, from 3rd February 1897 to 27th March 1897; by Colonel J. H. Newman, from 30th March 1897 to 9th April 1898; and by Colonel T. H. Hendley from 10th May 1898 to date.

The thanks of the Lieutenant-Governor are due to Colonel Hendley and his predecessors for the care and attention that they have bestowed upon the administration of dispensaries, and to Colonel Hendley in particular for the present very interesting report. The Lieutenant-Governor also wishes to express his appreciation of the work done by the Civil Surgeons and the subordinate medical staff, whose skill and energy have led to the general improvement which has been made in the period under review, and on whom Sir John Woodburn relies for its continuance in the future.

By order of the Lieutenant-Governor of Bengal,

E. N. BAKER.

Offg. Secy. to the Govt. of Bengal.

WEATHER AND CROP REPORT.

For the week ending the 7th August 1899.

Burdwan.—Rainfall at Sadar 1.91, Kalna 3.37, Katwa 3.89, Raniganj 1.21. Weather seasonable. Transplantation of aman paddy continues briskly. Standing crops doing well. Fodder and water sufficient. Cattle-disease in Katwa decreasing. Common rice selling as follows:—

0.1				Srs.	
Sadar Kalna	***	•••		171	1
Katwa	•••	•••	•••	151	1
	***	•••	•••		per rupee.
- Burl	***	•••	•••	154) /
Raniganj			•••	16	1

Birbhum.—Rainfall at Sadar 2·49, Rampur Hât ·92. Weather seasonable. Transplantation of paddy nearly over. Sugarcane not doing well. Price of common rice at Sadar 15 seers and at Rampur Hât 17 seers per rupee. Fodder and water sufficient.

Bankura.—Rainfall at Bankura 1 67, Vishnupur 49. Weather very hot and generally cloudy. Transplantation of rice almost over. Sporadic cases of cow-pox reported. Fodder and water sufficient. Rice is selling at 17½ seers at Bankura and 17½ seers at Vishnupur.

Midnapore.—Rainfall at Sadar '69, Contai 1'09, Tamluk 1'29, Ghatal 1'85. Prospects of sugarcane, jute and flax favourable, and of aus in the Sadar subdivision. Transplantation of winter paddy going on briskly. It is retarded in Sabang and parts of Tamluk and Contai, fields being under water. In Contai rain having stopped, much of excessive water has been drained off and transplanting of rice resumed. Grass-hoppers reported from Debra, and eattle-disease from Salbani. Common rice sells as follows:—

C-1-				Srs.	
Sadar Contai	•••	•••		15	1
Tamluk	•••	• • • •	•••	17	
Ghatal	•••	•••	•••	$13\frac{1}{2}$	per rupee.
March of the conduct of	•••	***	•••	17)
while Daine	11 / 6 1 -	m ' e			,

Hooghly.—Rainfall at Sadar 1·14, Serampore 1·28, Jahanabad 1·84. Transplantation of aman paddy continues. Jute and aus reported to have been damaged in places by excessive rain. Common rice sells at 14 seers 5 chitaks per rupee.

Howrah.—Rainfall at Sadar 1.84, Ulubaria 2.30. Weather hot and cloudy with occasional showers. Transplantation of aman going on. Some newly-transplanted seedlings reported to have been damaged by excessive rainfall in than Amta. Prospects fair. Common rice sells at 13½ seers per rupee. Fodder and water sufficient.

24-Parganas.—Rainfall at Sadar 1·43, Barasat 2·10, Basirhat 1·49, Diamond Harbour ·87. Weather hot. Prospects of standing crops still unchanged. Transplantation of aman is going on on high lands and on the lands whence the water has subsided. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	CH.	
Sadar Barasat	***			13 to 17	0 .	W. 3
Basirhat	•••	•••	***	15	8	1
Diamond Harbon		•••		18	8 41	per rupee.
Diamond Harbot	ır		•••	14	8	- Salar
	2.					

Nadia.—Rainfall at Sadar 1.43, Kushtia 1.45, Meherpur .53, Chuadanga .71, Ranaghat 3.33. Weather hot and cloudy. Transplantation of aman still going on. Harvesting of aus has commenced in places. Fodder and water sufficient. Common rice sells as follows:—

				Srs. CH.	
Sadar Kushtia				15 2	1
Meherpur			*	17 0	
Chuadanga	•••		***	14 8	per ruree.
	•••	•••	***	14 12	1
Ranaghat	•••	•••		14 10	

Murshidabad.—Rainfall at Sadar 1.24, Jangipur 3.02, Kandi 2.87. Weather hot. Harvesting of bhadoi is going on. Transplantation of aman still continues. Indigo and mulberry doing well. Sugarcane is not doing well. Paddy is reported to be under water in some places on account of excessive rain and floods. No cattle-disease reported. Common rice sells as follows:—

*			ors.	
Sadar		•••	 15	1
Jangipur Kandi		engen	 15	per rupee.
Kandi	***		 181)

Jessore.—Rainfall at Sadar 3.27, Jhenida 2.30, Magura 2.67, Narail 1.04, Bangaon 1.79. Weather cloudy and rainy at intervals. Harvesting of aus paddy has commenced in some places. Transplantation of aman paddy going on. Prospects of crops tolerable. Insects are gradually disappearing. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar				16)
Jhenida	***	***	•••	16	1
Magura	***	****	***	18	per rupee.
Narail	•••	•••	***	15	fit at the same
Bangaon	•••	•••	•••	15)

Khulna.—Rainfall at Sadar 1.30, Bagirhat 3.12, Satkhira 2.31. Weather hot and cloudy, with occasional rain. Transplantation of aman going on. Insects still damaging paddy to some extent. Fodder and water sufficient. Cattle-disease reported from Rampal. Common rice sells as follows:—

				ors.	CH.	
Sadar		***	***	18	9	
Bagirhat Satkhira	***	•••	•••	18	0	per rupee.
Satknira	•••	***	•••	17	8)	12,200 to 12, 24,000

Rajshahi.—Rainfall at Sadar 1.64, Nator 2.18, Naugaon 2.02. Prospects of standing crops reported fair, but heavy rain and floods causing damage to bhador and jute crops. Cattle-disease reported from one village in than Lalpur. Fodder and water sufficient. Common rice sells at 17 seers per rupee.

Dinajpur.—Average rainfall 2.25. Weather seasonable. Transplantation of haimanti paddy and steeping of jute progressing. Cattle-disease reported from two thanas. Fodder and drinking-water plentiful. Common rice 17½ seers per rupee.

Jalpaiguri.—Rainfall at Sadar 9.04, Alipur Duars 5.60. Weather seasonable. Transplantation of haimanti paddy and cutting of bhadoi paddy and jute still going on. Prospects favourable. Fodder and water ample. Common rice sells at 14 seers per rupee.

Darjeeling.—Rainfall at Darjeeling 3.04, Kalimpong 2.84, Siliguri 6.35. Weather seasonable. Hills—Bhutta, chota marua, and bhadoi paddy progressing; haimanti paddy and bara marua being transplanted. Terai—Jamira paddy being reaped; haimanti paddy being transplanted; bhadoi, jute, and sugarcane being cut. Coarse rice sells as follows:—

Bhutta sells at Darjeeling 25 seers and at Kalimpong 40 seers per rupee.

Rangpur.—Rainfall at Sadar 2.76, Gaibanda 1.19, Nilphamari 2.36, Kurigram 2.33. Weather seasonable. Transplantation of winter rice and cutting of jute going on. Prospects good. Common rice selling at 17½ seers per rupee. Fodder and water sufficient. Cattle-disease prevailing in some villages in than Jaldhaka.

Bogra.—Average rainfall 2.95. Cutting of aus and jute and transplanting of aman continue. Prospects good. Fodder and water ample. Common rice sells at 18 seers per rupee.

Pabna.—Rainfall at Sadar 3.23, Sirajganj 2.81. Weather hot and rainy. Prospects of crops good. Price of common rice 164 seers per rupee.

Dacca.—Rainfall at Sadar 59, Manikganj 17, Munshiganj 37, Narainganj 36. Weather seasonable. Prospects of crops fair. No cattle-disease. Fodder available. Common rice 18 seers per rupee.

Faridpur.—Rainfall at Sadar 1.52, Goalundo .61. Weather seasonable. Aus being reaped. Prospects of crops fair. Common rice selling at 18 seers per rupee.

Backergunge.—Rainfall at Sadar 08. Weather hot. Prospects of crops fair except for insects in places. Sowing of aman paddy continues. Common rice sells at 16½ seers

Tippera.—Rainfall at Sadar 1.45, Brahmanbaria 1.57, Chandpur .79. Weather seasonable. Cutting of jute and aus paddy continues. Aman paddy doing well. Insects have disappeared. Average price of common rice 19 seers per rupee.

Noakhali.—Rainfall at Sadar 4·10, Feni 3·11. Prospects fair. Transplantation of aman going on. Slight cattle-disease reported from Chagalnaiya. Fodder and water sufficient. Price of common rice, aman 17 seers and aus 19 seers per rupee

Chittagong.—Rainfall 61. Weather seasonable. Aus being reaped and aman cultivated. Prospects good. Common rice 15 seers per rupee. Water and fodder sufficient.

Patna.—Rainfall at Sadar 69, Bihar 38. Barh 59, Dinapore 101, Bikram 212, Hilsa 75. Transplantation of paddy going on. Water gradual y subsiding. Fodder and water for cattle sufficient. Common rice in Patna sells at 14 seers per rupee.

Gaya. - Rainfall at Sadar 2.15, Jahanabad .86, Aurangabad .05, Nawada .82. Transplantation of paddy continues. Bhadoi seriously damaged Common rice selling at 13

Shahabad.—Rainfall at Sadar 2.58, Buxar 1.09, Bhabua nil, Sasaram 1.42. Bhadoi nearly all damaged. Sunshine has done good to the remaining crop in the Buxar subdivision. Twenty-two cases of cattle-disease reported from the Sasaram subdivision. Fodder

Saran.—Rainfall at Sadar 2.90, Siwan 1.46, Gopalganj 1.38. Weather bright and clear. Transplantation of paddy going on. Prospects of bhadoi slightly improved by fine weather. Average prices—common rice 13.15 seers and makai 21.11 seers per rupee.

Champaran. - Rainfall at Motihari 1-14, Bettiah 5-60, Barharwa 3-30, Bagaha 6-84, Ramnagar 8:16. Excessive rain continued to damage bhadoi crops Lowland crops are under water in places. Transplantation of paddy progressing rapidly. Weeding of bhadoi going on. Price of common rice 13 seers and of maize 22 seers per rupee.

Muzaffarpur.—Rainfall at Sadar 5·15, Hajipur 1·22, Sitamarhi 2·92. Transplantation of paddy going on. Bhadoi crops damaged by incessant rain. Prices are —Common rice 11 seers, wheat 16 seers, barley 20 seers, makai 20 seers, gram 18 seers, and rahar 20 seers

Darbhanga.—Rainfall at Sadar 250, Samastipur 1.25, Madhubani 2.41. Weather sultry and cloudy with orcasional showers of rain. Transplantation of paddy is still in progress. Weeding of *bhadoi* crops going on. The cessation of the continuous rain has been beneficial. Common rice selling at Sadar 12 seers per rupee. Fodder and water sufficient.

Monghyr.—Rainfall at Monghyr 67, Begusarai 50, Jamui 324. Weather hot with occasional showers. Transplantation of winter rice going on. Harvesting of makai commencing. Bhadoi crops almost ruined by excessive rain. Continued break in the rains may possibly help to a partial revival. Common rice sells as follows:—

351				Srs.	
Monghyr		•••		12	
Begusarai Jamui	•••		•••	13 13	per rupee.
vamu	***		***	13	, apoc.

Bhagalpur.—Weather generally sunny. Rainfall at Sadar '03, Banka 1'09, Madhipura 2'69, Supaul 5'34. The break in the rains, if continued, is likely to improve the bhadoi prospects. Sugarcane doing well. Fodder plentiful. Stray cases of cattle-disease reported. Prices rising.

Purnea.—Rainfall at Sadar 2.18, Kishanganj 1.86, Araria 2.85. Weather seasonable. The break in the rains has much benefited the paddy on low lands and facilitated the harvesting of early-sown bhadoi and jute. Winter rice being transplanted No cattle disease. Fodder and water sufficient. Common rice sells as follows:-

g ,				Srs.	
Sadar		* ***		15)
Kishanganj Araria	•••	•••	•	15	per rupee.
Araria				16) -

Malda.—Rainfall at Sadar 1.88, Shibganj 88, Gajol 3.42. Heavy rain and flood causing damage to low land bhadoi paddy. Winter rice being transplanted. Price of common rice 16 seers per rupee. Fodder for cattle sufficient.

Sonthal Parganas.—Weather hot and sultry. Prospects of paddy good. *Makai* much damaged. Some cattle-disease. Average price of common rice 14\frac{3}{2} seers and of Indian-corn 21\frac{1}{2} seers per rupee.

Cuttack.—Rainfall at Sadar 2:09, Jajpur 1:10, Kendrapara 4:29, Banki 1:09. Weather hot and seasonable. Sarad, jute, and sugarcane growing. Beals in ear and being damaged by insects in some places. Condition of cattle generally good. Fodder and water sufficient. Common rice sells as follows:—

			Ю.	cn.	
Cuttack	 		16	7	1
Jajpur	 •••		17.	1	per rupee.
Jajpur Kendrapara	 		19	11	per rupee.
Banki	 •••	***	17	15)

Balasore.—Rainfall at Sadar '98. Sugarcane thriving well. Re-ploughing of sarad going on. Rice sells at 18 seers per rupee in the interior, and at 17 seers at Balasore and Bhadrak. Fodder and water sufficient.

Angul.—Rainfall at Angul 1 inch, Bisipara 4.46. More rain urgently needed in Angul, where field-work has been retarded. In Khondmals the last week's rain has done much good. Common rice sells at 24 seers per rupee at Angul and 15 seers at Khondmals.

Puri.—Rainfall at Sadar 2.08, Khurda 3.92. More rain badly wanted. Puddling of sarad much delayed. Beali damaged to some extent in the Sadar subdivision. State of mandia, sugarcane, and other miscellaneous crops good. Fodder and water sufficient. Cattle-disease continues in some parts. Price of common rice stationary.

Hazaribagh.—Rainfall at Sadar 2.03, Giridih .96. Weather hot. Transplanting in progress. Common rice sells at 14 seers per rupee.

Ranchi.—Rainfall 31. Weather hot and fair. Transplanting of paddy retarded. Rain badly wanted. Rice sells at Ranchi 14 seers per rupee and in the interior 18 seers. Health of cattle good. Fodder and water sufficient.

Palamau.—Rainfall 37. Weather hot and cloudy. Prospects of paddy and bhadoi (except makai) good. No cattle-disease. Rice selling at 15 seers per rupee.

Manbhum.—Rainfall at Sadar 1·14, Gobindpur 1·64. Weather seasonable. Prospects of crops generally good. Cattle-disease reported from thanas Chas, Gobindpur and Tundi. Fodder and water sufficient. Average price of common rice at Sadar 17 seers and at Gobindpur 15 seers per rupee. Supply sufficient.

Singhbhum.—Rainfall 2.77. Rain generally sufficient except in Kolhan. Common rice sells at 17½ seers per rupee.

General Summary.—There has been general but comparatively moderate rain during the week. A break has now set in and has been very beneficial to the transplantation of winter rice. In parts of Orissa and Ranchi, however, the transplantation is retarded for want of sufficient rain. The bhadoi crops in the Patna and Bhagalpur Divisions have been seriously damaged, and the present break may help to a partial revival only. Reports of the sugarcane crop are good except in parts of Lower Bengal, where it has suffered from excessive rain. The harvesting of early rice and jute is going on. Cattle-disease continues in some districts. Fodder is generally abundant. There was a rise in the price of common rice in the districts of Bihar and Chota Nagpur; elsewhere it was practically stationary.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secretary to the Govt. of Bengal.

REVENUE DEPARTMENT, The 8th August 1899. SUPPLEMENT TO THE CALCUTTA GAZETTE, AUGUST 9, 1899, 1365

THE following statement is published for general information.

F. A. SLACK, Offg. Secy. to the Govt. of Bengal.

REVENUE DEPT., The 7th August 1899.

AVERAGE WHOLESALE PRICES-CURRENT of Food-grains, Firewood, &c., in

Prices per maund of

No.	MARTS.	Rice, be	st	rice	mon (mote ul).	2 (Wh	eat ioum um).	(E	Barley Iorder Ugare	tm	Juar or cholum (Sorghum vulgare).	Bajra or cumbu (Pennise- tum typhoi- deum).	Marua or Ragi (Ele usine corocana).	. (0	cha cho kada or su Vicer	am, ina, illa, ilay, inaga arie um).	mai	ndjanorn or ize (Z Mays).	ea p	Cadea (ar d Thu djar (Caj Ind	r ia-	Lin	seed.	. a	Mustand re	ape	Til jinji see
1	2	8	1		4			5		6	1	7	8	9	İ	1	0		11	1	1	12	1	1	3	1	14		15
		Rs. A. 1		100	Δ. Ρ.	F	ds. A	. P.	Rs	5. A-	Р.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs.	А. Р.	Rs	в. А, Р	. 1	Rs.	A. 1		Rs.	А. Р.	I	Rs. A.	Р.	Rs. A.
1	Calcutta	5 1 8	8	3	4 4			5	2	4	1	2 2 0	2 10 5			2	7 1	1	11 11		3	3	1	4	0 5	1	3 15	2	8 15
2	Burdwan	3 10 8	3	2 12	2 3	1	(b)	6						,		2 7	7 2				3 5	2 4			•		3 12	0.00	
3	Midnapore	3 7 4		2 10	11																		3	9	8	mu 4 Ra	Black nustar White stard 13	rd 10 e l d) 10 ed	}
4	Pabna	6 5 0	*	2 10	4	2	12	6						à	5	2 6	6			2	2 8	3 1	1	8 6	10	100	10 1	1	
5	Rangpur	4 15 6		2 15	3	3	10	6							2	2 8	0	1 1	13 4	4	8	2				4	1	1	
6	Dacca	3 10 9		2 12	3	2	15	3	1	8 8					2	11	4			3	0	2							
7	Chittagong	3 14 10		3 0	9						1				3	6	10			4	(i) 4	6				3	14 1	0	
8	Patna	3 0 0		2 4	4	2	3	2	1	6 8		1 8 7		1 3 0	1	11	4	1	6 1	1	(<i>f</i> 11	6	3	2	0	3	6	4	3 6 10
9	Muzaffarpur	5 7 7		2 15	7	2	8	8	1	e) 10 4				1 ^(h) 5	1	(a) 14	7	1 1	1 4	2	12	6							
10	Bhagalpur	3 4 5		2 8	9	2	7	8	1	9 0					1	15	4	1	5 4	2	2	1	3	12	0	3	10 1	0	
11	Cuttack	3 8 9		2 8	1	3	7	6							k	liri d alai 6				2	1	0				4	1 (0 :	3 6 10
12	Ranchi	4 3 2	5	2 12	8	4	10	3	2 1	0 11					2	12	2		.	4	4	1	3	1	0	8	4 4	4	

he price shown is for the best kind of table rice which is imported.

Average of prices returned for 14 fortnights only.

Ditto ditto for 15 ditto.

Ditto ditto for 1 fortnight only.

Ditto ditto for 20 fortnights only.

Ditto ditto for 22 ditto.

Ditto ditto for 23 ditto.

Ditto ditto for 2 ditto.

DEPT. OF LAND RECORDS AND AGRICULTURE, BENGAL; The 17th June 1899.

undermentioned Marts of Bengal for the year ending 31st March 1899.

standard seers.

S (r	uga	ur).	0	Cot	ton, ned.		J	ute		(c	Gl lari utte	ni fied er).		Tob le:	acco		Hides (cow).			Gras			St	raw.		Juar stalks.		Ir	on.		Fire	3W00	od,	Salt.	*	MARTS.
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s.	Δ.	Р.	Rs	. А	. P.	1	Rs.	Δ.	Р.	Rs.	Δ.	Р.	R	в. д	. P.	í .	Rs. A. 1		Rs	. Д.	P.		Rs.	A, P,	. I	Rs. A. P.	I	Rs.	4. P.	I	Rs.	A. P	R	s. A. P		
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)	8	1	2 10	1	3	3	1	6	39	0	8		3	0	0			0) 4	1 6		0	(l) 4	7			3	0	0	0	5	2	Pa 3	nga. 8 4	8.	Patna.
	10								31	8	9	1	0	0	0												8	0	4	0	4	0	Pa 3	nga. 11 4	3.5	Muzaffar pi
	9		5 14						34	6	9		4 ;	7 (3												5	2	2	0	5	11	Pa 3 1	nga, 2 9	10.	Bhagalpur.
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ditto for 13 fortnights only.
ditto for 4 ditto.
ditto for 19 ditto.
ditto for 5 ditto.
ditto for 17 ditto.
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PRICES-CURRENT (retail) of Food-grains and Salt in the Head-

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Number.		DISTRIC	OTS,		Present return.	Next preceding return.	Corresponding return	or man journ	Present return.	Next preceding return.	Corresponding return	of last year.	Present return.		Next preceding return.	Corresponding return	of last year.	Present return.		Next preceding		Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return
		BENGAL.		S.	Ch.	s. Ch	s. c	h s.	Ch	s. ci	s. c	ь. 8	. Ci	3.	Ch	8.	Сь	s. c	1. 5	. c	h. 3	Ch	s. Ch	S. Ch	s. c
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- CANA		Backergunge			0 23			51	0 4	9 0		7	0		0	5 6	1	19 0	19	0	10	0			
1.		- agergange		***								15	0	15	0	11 0		15 12	15	12	11	4			

A. In the subdivisions the retail prices of salt per [rupee are:—Kalna 10 seers 10 chittacks (panga or karkatch); Katwa 10 seers 15 chittacks (karkatch); Raniganj 10½ seers (panga).

B. At Rampur Håt the retail price of salt is 10½ seers per rupee.

C. At Vishnupur the retail price of salt is 10½ seers per rupee.

D. In the subdivisions the retail prices of salt per rupee are:—Contai 9 seers; Tamluk 10½ seers; Ghatal II seers 7 chittacks.

E. In the subdivisions the retail prices of salt per rupee are:—Serampore 10½ seers; Jahanabad 10½ seers

G. In the marts in the interior of the district the retail prices of salt per rupee are:—Chetla 10 seers 3 chittacks; Barasat 11½ seers;

B. In the subdivisions the retail prices of salt per rupee are:—Kushtia (Bahadurkhali) 11½ seers (panga); Chuadanga 12 seers (panga);

I. At Lalbagh the retail price of salt is 11 seers per rupee.

J. In the subdivisions the retail prices of salt per rupee are:—Jhenida 10 seers; Magura 9½ seers; Narail 10 seers; Bangaon 10 seers 10 chittacks.

50h293	NGNI ITALI Setarr	ANA	ILL	ET.	C	HHC	DR S	CE KA SUN.	DA AGA	LA
Prosont roturn	The state of the s	turn,	Corresponding re-	turn of last year,		Present return,	Nowt reconding	turn,	1	turn of last voca
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quarters Station Bazars of the Districts of Bengal on the 31st July 1899.

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Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return,	Next preceding return.	Corresponding return of last year.	DISTRICTS	3.	Number.
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	-	1	2 8	13 8		D 11 4	11 0 1	O O I	ga. 3 8 0	3 10 o		Midnapore.	4	AN DI
	-	1	0 8	11 0	7 0	10 0 1	0 0 1	Crus	hed.			Hooghly,	5	BURDWAN DIVISION.
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				-	10 ^T		0 10	Panga.	0 0 3 1	0 0 8			23	DACC

K. In the subdivisions the retail prices of salt per rupee are:—Bagerhat 9 seers; Satkhira 11½ seers.

L. In the subdivisions the retail price of salt per rupee are:—Nator 14 seers; Naugaon 9 seers 10 chittacks.

M. In the Alipur Duars the retail price of salt is 8 seers per rupee.

N. Retail price of salt at Siliguri and Kurseong 8 seers per rupee.

O. In the Gaibanda and Niphamari subdivisions the retail price of salt is 10 seers per rupee.

P. At Sirajganj the retail price of salt is 11½ seers per rupee.

In the marts in the interior of the district the retail prices of salt per rupee are:—Madanganj 11 seers; Manikganj 9 seers; Munshiffhat 11 seers, Mirkadim 11 seers 6 chittacks.

R. In the subdivisions the retail prices of salt per rupee are:—Kishorganj 10 seers; Jamalpur 10 seers; Kagmari 8 seers; Netrokona 8 seers.

S. In the subdivisions the retail prices of salt per rupee are:—Goalundo 10 seers; Madaripur 10½ seers.

T. In the subdivisions the retail prices of salt per rupee are:—Pirojpur 8 seers; Patuakhali 9 seers; Bhola 9 seers.

PRICES-CURRENT (retail) of Food-grains and Salt in the Head-quarters

													Q	UANTI	TIES PER R	UPEE IN
				WHEAT			BARLEY		Rioi	R, BEST	SORT.	Rici	s, comb	ion.	JOWAR OR (Sorghum)	CHOLUM ulgare).
Nimbar		DISTRICTS.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return,	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return. Next * preceding return.	Corresponding return of last year.
BEN	GAI	-concluded.	S. Ch.	S. Ch.	S Ch.	S Ch.	S Ch.	S. Ch.	S. Ch	S. Ch	S. Ch.	S. Ch	g ch	 8. Ch.	S Ch. S, Ch	S. Ch.
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CHITTAGONO	25	Noakhali							12 0	12 0	9 0	17 0	17 0	11 0		
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	32	Muzaffarpur	16 0	16 0	16 0	22 8	24 8	23 0	7 0	7 0	7 *0	12 0	13 0	12 0		
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L	16	Singhbhum	16 0	16 0	8 0			16	0 1	6 0 1	2 0 20	0 20	0 0 14	1 0		

U. In the subdivisions the retail prices of salt per rupee are:—Chandpur 9 seers; Brahmanbaria 10 seers.

V. At Feni Hat the retail price of salt is 9 seers per rupee.

W. At Cox's Bazar the retail price of salt is 25 seers per rupee.

X. In the subdivisions the retail prices of salt per rupee are:—Barh 10½ seers; Bihar 9½ seers; Dinapore 10½ seers.

Y. In the Jahanabad and Aurangabad subdivisions the price of salt is 10 seers per rupee.

Z. In the subdivisions the retail prices of salt per rupee are:—Buxar return not received; Bhabua 10 seers; Sasaram 10½ seers.

a. In the subdivisions the retail prices of salt per rupee are:—Siwan 11 seers 6 chittacks; Gopalganj 12 seers 6 chittacks,

b. At Bettiah the retail price of salt is 10 seers per rupee.

c. In the subdivisions the retail prices of salt per rupee are:—Hajipur 10 seers; Sitamarhi 9½ seers.

d. In the subdivisions the retail prices of salt per rupee are:—Samaetipur 10 seers; Madhubani 10 seers 6 chittacks.

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Station Bazars of the Districts of Bengal on the 31st July 1899 -(concluded).

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	Present return.	Next preceding	return.	Correctionalina	of last year.		Present return.		next preceding return.	Corresponding return of last year.		Present return.		return, preceding		Corresponding return of last year.		riesont return.		Next preceding	return.		Corresponding return	or last year.	DISTRICTS.		Number
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In the subdivisions the retail prices of salt per rupee are:—Begusarai 11 seers; Jamui 10 seers.

In the subdivisions the retail prices of salt per rupee are:—Banka 10 seers; Madhipura 9 seers; Supaul 10 seers.

In the Kishanganj and Araria (Basantpur) subdivisions the retail price of sald is 9 seers per rupee.

At Balia Nawabganj the retail price of salt is 10 seers per rupee.

In the subdivisions the retail prices of salt per rupee are:—Deoghur 10½ seers; Godda 8 seers; Jamtara 11 seers; Pakour 10½ seers; Rajmahal 11 seers.

In the Jajpur and Kendrapara subdivisions the retail price of salt (panga) is 9 seers per rupee.

At Bhadrak the retail price of salt is 10 seers per rupee.

At Gobindpur the retail price of salt is 10 seers 10 chittacks per rupee.

Published for general information.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, &c.

					Rr	CE (B	EST 8	SORT).			Сом	смо	N RIC	DE (1	note	a ch a ul).		WH	BAT	(Tri	ticun	sati	vum)			BAB	LEY	(He	orde	um	vulgan	re).
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CALCUTTA,
The 8th August 1899.

JUAR O	vulgare).	(Sorghum	- Bajra (or cumbu (Pennisetum).	MARU	A OR RAGI (corocana)		GRAN KAD	M, CHANA, C ALAY, OR SU Cicer arieting	NAGA
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in the undermentioned Marts of Bengal on the 31st July 1899.

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F. A. SLACK,
Offg. Secretary to the Govt. of Bengal.

STOCKS OF RICE IN AND AROUND CALCUTTA.

No. 561 Statistics.—The following is published for general information.

Offg. Secy, to the Govt. of Bengal. F. A. SLACK,

					ST	OCK IN HAND AS	STOCK IN HAND AS COMPILED ON-	1					
NAMES OF MARIS.	1st week of Angust 1898.	1st week of Sept. 1898.	1st week of Oct, 1898.	1st week of Nov. 1898.	1st week of Dec. 1898.	1st week of Jan. 1899	1st week of Reb, 1899.	1st week of March 1899.	1st week of April 1899.	1st week of May 1899.	1st week of June 1899.	1st week of July 1899.	1st wiek of August 1899.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds	14.3					
Ballaghata	4.73.000	3.27.000	9.58.500	1 77 000	. 00 000	0 10 000		Mas.	Mds.	Mds.	Mds.	Mds.	Mds.
			one for the	7711000	1,00,000	2,12,000	2,41,000	6,20,000	6,55,000	7,18,000	8,11,000	7,73,000	4,71,000
	46,500	00,000	63,500	64,000	48,000	46,500	65,500	73,000	75 500	77 KAO	2000	9000	
Chifpur, Golabaree, Kumar-tooly, Hatkhola, and Culpi Ghat,	2,31,400	2,68,500	2,58,000	2,97,500	2,69,000	2,83,500	2,95,000	3,26,000	3,48,500	8.33,500	3,16,500	3,00,500	2,97,000
Pathuriaghatta, Posta, and Jorabagan.	2,100	8,000	2,900	2,500	2,000	1,900	8,600	3,300	4,600	3,800	3,700	3.000	2.900
Tallygunge, Chetla, Kidderpore, and Munshiganj.	1,11,000	1,10,400	1,08,300	1,09,900	90,900	1,32,000	1,38,700	1,75,000	1,99,000	1,85,500	1.89.000	1.73.000	1,719.00
Minor bazars (1)	2,40,000	2,40,000	2,40,000	2,40,000	2.40.000	2.40.000	9 40 000						C'arte
Other retail shops (1)	2,59,000	2.50,000	2.50.000	2.50.000	9 KO OOO	9 50 000	000,08,2	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Ramkristopur"	" K7 300	75 000	000 18	00 500	000,000	0000000	2,50,000	2,50.000	8,50,000	2,50,000	2,50,000	2,50,000	2,50.000
awabean		3.455	1 599	17 900	60,600	95,700	1,09,000	1,27,200	1,42,000	1,38,000	1,24,500	96,500	87,000
dreswar, and Chandernagore.+			and's	000614	13,096	52,597	14,256	18,776	1,287	1,594	1,872	698	1,131
Total	14,13,327	13,36,855	12,53,733	12,41,798	11,62,996	13,14,257	13,46,056	18,33,276	19,15,887	19,47,894	20,23,572	19,06,869	15,75,331
On Railway premises on both sides of the river. ‡ On boats not yet unloaded—	12,565 (on 3rd August 1898.)	6,394 (on 3rd Sept. 1898.)	8,298 (on 3rd October 1898.)	5,108 (on 3rd Nov. 1898.)	18,838 (on 3rd Dec. 1898.)	22,394 (on 3rd Jan. 1899.)	16,348 (on 3rd Feb. 1899.)	4 25,062 (on 3rd March 1899.)	19,294 (on 3rd April 1899.)	6,438 (on 3rd May 1899.)	4,688 (on 3rd	pyg uo) 888	1,503 (on 3rd
missioners'	21,739 (1st to 3rd August 1898.)	20,587 (1st to 3rd Sept. 1898.)	25,328 (1st to 3rd October 1898.)	26,866 (1st to 3rd Nov. 1898.)	33,350 (1st to 3rd Dec. 1898.)	37,842 (2nd to 4th Jan, 1899.)	63,148 (1st to 3rd Feb. 1899.)	47,082 (1st to 3rd	43,850 (1st to 3rd	24,983 (1st to 3rd	98,190 (1st to 3rd	20,576 (1st to 3rd	33,147 (1st to 3rd
By Canal returns	7,225 (1st to 3rd August 1898.)	22,450 (1st to 3rd Sept. 1898.)	34,594 (1st to 3rd October 1898.)	48,369 (1st to 3rd Nov. 1898.)	29,191 (1st to 3rd Dec. 1898.)	81,558 (2nd to 4th Jan. 1899.)	1,02,388 (1st to 3rd Feb. 1899.)	92,766 (1st to 3rd March 1899.)	41,311 (1st to 3rd April 1899.)	80,944 (1st to 3rd May 1899.)	29,697 (1st to 3rd June 1899.)	July 1899.) 23,356 (1st to 3rd July 1899.)	August 1899.) 88,490 (1st to 3rd August 1899.)
Grand total of Stocks	14,54,856	13,85,286	13,21,953	13.99.139	19 44 924	1		-					

• This mart is in the Howrah district, and the figures have been obtained by local enquiry, † Figures furnished by the Collector of Hooghly.

1. Ditto by the Railway authorities.

(1) Estimated as a constant quantity.

STATISTICAL DEPARTMENT, The 8th August 1899.

Offg. Secy. to the Goet. of Bengal. F. A. SLACK,

Abstract of the Results of Meteorological Observations taken at the Alipore Observatory in the month of July 1899.

		w , 10	00.			
The second secon			Inches	Date.	Hour.	
The mean pressure of the month			00.5		Hour.	
The average pressure of July from 24 years'	ramietore	•••	a company a total and			
THO HIM HEST DIESSHIPS IN The month	rogisters	•••				
The lowest pressure in the month	•••	***		39 31st	10	
The range of pressure	•••	***	29.35	3 6th	16	
Bo or Property	•••		0.48	36		
m . 4.4.1 1 63 64.4.		4	Hours.			
The total number of hours of bright sunshin	e during the	month	57.3			
The maximum possible number of hours of su	inshine		413.1			
			성원 보다 가장			
The mean temperature of the month			83.5			
The average temperature of July from 24 v	ears' registe	rg	83.5			
The mignest temperature in the month			1045			
The lowest temperature in the month		***	93.2	lst		
The range of temperature during the month	•••	•••	75.6	27th		
The mean daily range of temperature	19 15 June 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•••	17.6			
The greatest range of temperature in one day	•••	***	10.2			
B	•••	•••	14.9	29th		
The meen hamidity of the			Per cen	t.		
The mean humidity of the month	***	***	89			
The average humidity of July from 24 years'	registers		85			
<u> </u>			Inches			
The mean vapour tension of the month						
The average vapour tension of July from 9 v	pare' rogistor	•••	1.01			
The mean cloud proportion of the month	cars register	8	1.00	2		
The average cloud proportion of July from 22		***	8.32			
5 Proportion of only from 22	years register	rs	7.94			
The total mainfall of the and			Ins.			
The total rainfall of the month			21.47			
The total rainfall indicated by a Beckley's sel	f-registering	rain-				
Sauge about of the gauge about he test	horro the own	ound)	20.13			
The stage that of July from 48 vegrs register	rs		12.84			
The greatest fall in 24 hours			4.12	7/1		
하면서를 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데		•••	_	7th		
The number of rainy days in the month			Days,			
The average number of rainy days in J	-l- f	***	28			
Y Carb Territors		24				
The mean maximum equilibrium temperature of		**	25			
during the month	i solar radia	ation	A			
The mean difference of sun and air temperature	•••	***	136.0			
The greatest sun temperature	s	***	47.4			
The greatest excess of my area		•••	152.7	4th and	54h	
The greatest excess of sun over air temperature			60.3	4th.	om.	
The mean temperature of the nocturnal radiati	on thermom	eter	20.000	Tom.		
OH WOOHEN CIOLII			78.2			
The mean depression of the nocturnal radiati	on thermom	eter	.02			
below the minimum air temperature at 4	feet above	the				
			0.5			
The greatest depression of the nocturnal radiat	ion thermom	otor	0.5			
below the minimum air temperature	- carcamoni	cret	0.4			
			2.4	1st and :	18th.	
The mean movement of the wind per day			Miles.		3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
The greatest movement of the wind per day	•••	***	100.7			
The greatest movement of the wind in one day	•••		208.0 14	th		
The greatest movement of the wind in one hour	•••		15.0 14	th 11 4-		
The number of hours with winds from each of the				11 10	noon and	
The number of hours with winds from each of 41	o Q maint			4 1	to 5 P.M.	

The number of hours with winds from each of the 8 points— N. 17, N.E. 19, E. 22, S.E. 37, S. 151, S.W. 271, W. 142, N.W. 31, Calm 54.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore '003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0.6° higher; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during the standard of reference at the present Observatory.

G. W. KUCHLER,

METEOROLOGICAL OFFICE, GOVT. OF INDIA, For Meteorological Reporter to the Govt. of India.

Calcutta, the 7th August 1899.

Results of the Meteorological Observations taken at the Alipore Observatory from 30th July to 5th August 1899.

		40% Zz	s of	meter		TEMPER	LATURE	•	I	HYGROM	ETRY.		WIND.			
Month.	Date.	Maximum in sun.	Number of hours bright sunshine.	Mean pressure barometer at 32° Fahr.	Mean.	Maximum,	Range.	Minimum,	Mean wet bulb.	Vapour tension.	Dew point,	Humidity.	Prevailing direction.	Miles recorded.	Rain.	Weather,
899.		0		Inches.	0	0		0	0	Inches	•	%		10,75	Inches.	
July	30th	142.4	3.6	29.677	83.4	89.4	12.2	77.2	80.2	0.990	78.9	87	SSE and Calm	22	0.01	Day chiefly cloudy night clear, d.
"	31st	147.3	84	.735	83-6	83•4	10:2	78.2	80.1	.984	78.7	86	S and SSE	81	0.34	Partially cloudy d, p.
Aug.	1st	142.2	10.0	•672	84.9	90.2	11.1	79.1	81:0	1.007	79.4	84	S by W and SSW	108	0.07	Chiefly clear, d.
,,	2nd	154.5	4.4	•606	86•1	91.7	10.3	81.4	82.7	1.074	81.4	86	SSW and S by W	78	Nil	Chiefly cloudy,
,,	3rd	149-2	5.7	-626	86.9	92.4	10.4	82.0	83.5	1.105	82-3	87	S by W and SSW	116	"	Chiefly cloudy, o
,,	4th	142.7	3.9	•621	87.4	92.3	10.1	82-2	84.1	1.127	82.9	87	ssw	77	"	Chiefly cloudy.
,,	5th	136-2	Nil	•571	86.6	92.1	127	79.4	83 9	1.127	82 9	90	SSW and calm	43	1.13	Cloudy, o, p, lr.
T	ne tot	office	pres	of hou	the rs of	brigh	t sun	shine			24	year	rs, Surveyor-Ger	neral	's 	29·644 29·577 Hours. 36·0 91·7
TY.	ho me	ean te	mper e ten	ature of	f the	seven	days				d fo	r 2	4 years, Surv	 eyor	era Gre Mari da Mari da	85.6
T	he m	treme axim	vari um te	Office ation of mperate	are		•••		:	500111			is fall the face of the age ting of the face	0 097• 13 70• 13 97•	•• deeda •• deeda	82 9 15·2 92·4 Miles,
T	he hi	ghest	veloc	eity of t	he wi								mont sal. ly our		ang Kard Mangga	10
T	he m he a	verag	e re	e humie lative General	humi	dity	of	the	corr	espon	ding	per			 8, ••	67 87
T	he a	tal fa	l of :	rain fro	m 30	th Ju	ly to ondin	5th A	Augu riod	st 189	99 . 24 y	ears	, Surveyor-Ge		's	1.55
T	he to	verag	ll from	m 1st J l of th	10 00	respo	ndin	g pe	riod	for	24 5	ear	s, Surveyor-Ge	neral	l's	3:59 52:37
	The	Offic	e pres	sure, te	mper	ature,	&c.,	are d	educe	d fro	m the	tr	aces of the Baro om self-registeri	grap	h and	37.00 Thermogram

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet

above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula. The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; t, thunder; d, drizzling rain; p, passing temporary showers; lr, lightning reflection.

METEOROLOGICAL OFFICE, GOVT. OF INDIA, Calcutta, the 7th August 1899.

G. W. KUCHLER,

For Meteorological Repor er to the Gort. of India.

IRRIGATION DEPARTMENT, -BENGAL.

Statement showing heights over mean sea-level and low-water in the rivers Ganges, Bhagirathi, Jalangi, and Brahmaputra, for the month of June 1899.

RIVER	Gauhati.			Height Height over mean	-	91 91 91				
0.000	6			Height over zero	-	19.00 18.00 18.00 18.30	19.30	23.80 23.80 24.30	66566666666666666666666666666666666666	25.50 25.50
RIVER JALANGI.	Sarupganj.		¥ 7	Height over mean sea-level.	22	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	09.8	8-30 8-60 8-70	8.80 8.45 9.30 10.75	12.30 12.30 12.30 12.00 11.70 12.00 12.00 12.00 12.00
	Saru			Height over zero of gauge.	81	4-60 4-15 4-15 4-15	4.15 4.15	4.30	6 45 50 50 50 50 50 50 50 50 50 50 50 50 50	6.80 8.90 7.90 7.90 7.40 7.70 7.90 10.70
RIVER BHAGIRATHI.	Berhampore.			Height over mesn sea-level.	80	88 55 57 89 55 57 89 55 56 80 57 40	36.16 36.41 36.46	36.66 36.74 36.86	36.99 37.24 37.91 38.66 39.24 39.24	39°91 40°07 40°07 40°03 39°95 40°11 41°16 42°07 45°24
RIVER B	Berh			Height over zero of gauge.	19	11.833	2.43 2.93	2.65 3.15 3.15	25 5 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6.17 6.33 6.29 6.29 6.31 6.31 6.31 9.50
	Goslundo.	03	rom Rampur Boalia	tht nean vel.	18.	20.22 20.22 20.22 20.22 20.22 20.22 20.22	21.94 22.11 22.44	23.11 24.02 24.27	24.91 25.11 25.13 25.13 25.44 25.44	25.44 25.52 25.53 25.63 25.63 25.69 26.94 26.94
	Goalt	16	rom Benares	ht ero	11	18.92 13.04 13.08 13.08	13.00 13.17 13.50	14.17 15.08 15.33	15.67 16.00 16.17 16.25 16.33 16.50	16.50 16.58 16.58 16.75 16.75 16.75 17.00 17.25 17.67 18.00
	Rampur Boalia,	00	didas mori	HOOVE	16	zero. 41.10 41.29 41.62 41.73 41.73	zero. 42.00 42.08 42.19	42.27 42.44 42.60	42-79 42-95 43-10 43-45 43-60 44-00	46.50 46.00 46.89 46.89 47.21 47.96 47.96 47.96 47.96
	Sampur	141	rom Benares	Height over zero of gauge.	15	Below 0.89 0.71 0.38 0.27 0.27 0.10	Ab ve z 0.00 0.08 0.19	0.41	0.79 0.95 1.10 1.25 1.44 1.60 2.00	2.50 3.04 4.06 4.06 4.89 4.89 5.60 7.00
	Sahibganj.	₽6	TydaoM morf	esan el.	14	71.17 71.50 71.75 71.67	72.33 72.33	72.58	73:08 73:67 74:17 74:43 75:33 75:67	75.08 76.48 76.50 76.50 77.08 77.58 77.58 77.58 77.58 77.58
	Sabil	188	еэлепэВ шот	Height over zero of gauge.	13	3.17 3.50 3.75 3.92	4.17	4.75 4.92	5 08 6 17 6 53 7 7 53 7 7 67	8.42 8.42 8.42 8.67 8.92 9.08 9.58 11.25 11.25 113.25
	Monghyr.	011	From Dinapore	el.	12	105-27 105-27 105-27 105-27	105°27 105°18 105°27	105-27 105-27 105-35	105°35 105°35 105°35 1°5°60 1°5°68 105°93	106°02 106°10 106°35 107°35 109°65 110°5 110°5 110°5
GANGES.	Mon	482	ьтош Вепагев	Height over zero of gauge.	11	20 00 00 00 20 00 00 00 20 00 00 00 20 00 00 00	6. 63 6. 45 6. 45	3.48 3.50 3.50	8.50 8.50 8.50 4.08	4.25 4.25 4.50 5.30 6.50 7.75 8.85 8.83 8.83
MIVER UA	Dinapore.	48	Wrom Buxer	Height over mean sea-level.	10	142.13 142.43 142.53 142.63	142.73 142.83 143.03	143.23	145.73 144.23 144.23 144.43 144.53	144-53 144-93 145-73 146-53 147-43 147-83 147-83 149-83 150-23
	Din	241	From Benares	Height over zero of gauge.	6	8°20 8°30 8°30 8°30	8.50 8.80 8.80	00.6	9.60 10.00 10.20 10.30	10°30 10°70 11°50 12°40 12°40 13°40 14°20 16°40 16°40
	Buxar.	06	Krom Beneres	Height over mean sea-level.	80	26	165°80 165°88 165°97	166.13	166.47 166.55 166.72 167.30 167.47 168.72 zero.	171'05 172'13 172'05 171'80 171'85 171'85 172'80 176'85 176'47 181'88
	Ø.			Height over zero of gauge.	4		3.25	25.83	0	29.00 20.00 20.00
	Benares.	81	From Mirra- m nuq	Height over mean sea-level.	9	92	196'80 196'80 2ero.	197.47	198°05 198°55 198°55 198°50 198°80	200-30 200-30 201-80 202-13 202-13 202-50 202-50 202-80 203-80 203-80
-	Be	134	From Allaha	Height over zero of gauge.	20	M.C.	4		1.25 1.75 1.75 2.00 2.50	4117 4117 5.00 5.33 5.33 6.00 7.00 19.00 25.00
1	Mirzapur.	98	adalla mov9 -	Height over mean sea-level.	•	N	205.72 205.72 205.72	205-97 205-97 zero. 206-39	2 6.55 206.72 207.14 2 7.55 208.05	210.05 30 211.59 212.22 212.22 212.22 212.64 223.14 223.14 223.14 223.14
;	MM			Height over zero of gauge.	60	Below 0-83 0-75 0-67 0-67	0.20	9	0.30 0.50 0.92 1.33 1.83	8 8 9 8 9 8 9 9 8 9 9 8 9 9 9 9 9 9 9 9
	.co	WII	Dietence.		01	11111	11 1	11 1	111111	
			DATE.		-		7th 8th	lith	1:1:1:	

A. H. C. MACCARTHY, Under-Secy. to the Govt. of Bengal.

OALCUTEA, The 8th August 1899.

IRRIGATION DEPARTMENT, BENGAL.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1899-1900.

Areas leased for Irrigation up to end of June 1899.

		perge	e.8.	-		dn or lar	-			Season leases.	.68		-	1	Rainfall, 1899-1900.		1898-99.		
District.	Cenel	osib flut bətsmit	verage dischar	ischarge utilized	pproximate area trigated during true to to the end month.	eere estantzorqq noitegirri rebun the same date las	sessel mret-gaces.	Aharit.	Rabi.	Sugaroane,	Bhadoi.	Hot-weather.	Total.	GRAYD TOTAL,	During composite month.	Up to Durend of morth.	Up to end of month.		REMARKS.
		F E	v vo			w w	0 0	10	п	12	13	14	15	16	17	18 1	19 8	30	21
01	0					-	-	-	-	-	-	-	Aoroe	Acres In	Inches. In	Inches. Inc	Inches. Inc	Inches.	
	-	C. ft.	O. ft.	C. ft.	Acres.	Acres.		Acres.	÷			_	. 63	45			6.56	10.26 Kulsai.	
	Taldanda, 1st reach	1,342	139		1	160	_	9			1			\$ 000 00	2.53	13.23	2.10	-	Balis.
	1	178	31		-	-	23,087		-		1	:		-					natus
	Machgaon						49 0.69	1 980					1,280	45,249 }	18.69	80.20	3.38	7.50 Marshaghai.	aghai.
	Kondranara	1,067	230	9		-	40,000	200						3 101	_	14.16	_		apara.
	-	040	47	60	-		8,484	:	!	!	1	1	!	604.0		10.60			ır.
Cuttack	Gobri	010					3,255	-		-	1	-	1	12,950	11.35	23.43	-	-	ng.
	uoisu	885	55	68	296		12,259	1	:	1			11	90 300	-		-	_	ar.
		809	186	39	7.814	1,857	20,289		:	:		111	-	2000		No cono			
		197	16	16	-	2,101	2,995		:	122	-	15	89	8,778	9.16	20.33 5.58		1.89 Jajbur	Jajpur.
	Jaiour Canal	200		100	67	16,695	28,782	11		144		508	355	29,134	_!	23.10	- 1	-	apaus.
Balasore .		727	ReT	190		00 000	180 778 1	1.282		201		231	1,714	162,487	-	-	-		
	Total	-	-		9,113	500,02	Tooling	1	1	-	1	-					_		
	Total of the corresponding						157,051	1,466	6,396	233	-	164	8,259	165,310	1	1	-	-	
	period of last year					1	-	1					19	61 789	13.58	22.81	15.64	18.76 16 day	16 days discharging.
	Widnanore	1,411	11.66	-	-	-	61,789	:	1	!	1	1	:	201170					
Midnanore	- Constant		_				6 507					!		6,507	13.19	25.75	9-42	14.58 6 ,,	:
	(Panchkura	522	98.9	1	1	0	1 902					i	1	1,397	-	-	-		
Howrsh	Tidal Reaches, Ranges I & II	1	-			******	1,031		-		1	-		69,693				-	
		1				2	69,693		1					-		-	-	1	
	Total of the corresponding						67,887	1	1	-	-		-	67,887		1		1	
	period of last year	1	-		1		11 100	-		1		357	357	11,785	11.17	11-92	4.11	4.70	
	Western Main	4,342	187	101	21,256	5,128 22,213	61,715	1,094			1	13.804	14,157	181,732	7.20	12.02	5.44	6.54	
Shahabad	Suxar	2,000				48,310	117,575	222	!		1	54	24	1,515	3 9.40	13.62	2.79	4.80	
tna and	Eastern Main	\$ 1,466		11	17.259	22,331	51,662	*	1) (1	2,437	2,431	54,089	-	1	1	1	
Gaya.	Patna		1	1	- 1	00 400	140 070	1.447				22,121	23,568	267,439	.!				
	Total	-		1	83,492	98,120	ZEOPOLT		-	1	-	-					200		
	Total of the corresponding						988.534	1,871	1	. !	-	28,167	24,038	312,572			11	1	
	period of lust year	-					-	0 700	1	901		95,359	25,282	499,619	-		-		
	Grand Total	-			92,605	119,578	474,337	2,123				-	1						
	Grand Total of the corres- ponding period of last				- 1	1	513,472	8,337	6,396	233	1	22,331	32,297	545,769	1	1	I	<u> </u>	
		_		1									ACCOUNT NAME OF STREET	一年 一年 一日	A. C. C. See	C. C. S. LO.	A SPECIAL PROPERTY.	TOTAL SERVICE AND ADDRESS.	

CALCUTTA, The 8th August 1899.

Under-Secy. to the Gott. of Bengal.

SUPPLEMENT TO THE CALCUTTA GAZETTE, AUGUST 9, 1899. 1379

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 5th August 1899, as compared with the corresponding week of the previous year.

		AUGUST 1899.			DING SATURDA H AUGUST 1898	
NATURE OF CARGO.	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
The Property of the Commence o	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy Jute Firewood Other articles	679 20 71 617	80,025 17,550 51,900 1,72,615	1,227 169 782 2,088	253 16 29 578	$\begin{array}{c} 22,445 \\ 8,650 \\ 21,325 \\ 1,22,457 \end{array}$	290 154 324 1,588
Total	1,387	3,22,090	4,266	876	1,74,877	2,356

EASTERN BENGAL STATE BAILWAY.

Abstract of principal Commodities carried over the Eastern Bengal State Railway during the month of May 1899, as compared with the same month of the previous year.

						99.	18		Tot		Increase.	Dears
STAP	LES.				Up.	Down.	Up.	Down.	1899.	1898.	Increase.	Decrease
					Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
oal and Coke carried	for t	he Pr	ablic	and	4,326	13,621	4,312	8,025	17,947	12,337	5,610	
Foreign Railways.					1	503	47	427	504	474	30	
otton, manufactured-					354		272		354	272	82	
Twist and yarn, Eur Ditto, Ind	ian		***	***	168	68	204	95	236	299	******	65
Piece-goods, Eur Ditto, Ind	opean ian	:::	:::	:::	2,527	8	1,621 27	4	2,535	1,625 27	910	
orugs and Chemicals— Intoxicating, other th	han op	ium			n	21	7	24	32	31	1	
Non-intoxicating— Cinchona bark												
Others Dyes and Tans—			•••		98	4	55	1	102	56	46	
Indigo Myrabolams	***											
Cutch	***				18 49	950	16 44	450	18 999	16 494	505	*****
Alizarine and aniline	dyes	***	•••	•••								******
Al (Morinda Citrifoli Others		 .	:::		9	7	17	7	16	24		*****
rain and pulse - Wheat					43	4,022	49	1,141	4,065	1,190	2,875	
Paddy Rice	***		***		2,289 4,683	7,879 6,211	2,205 1,978	7,292 1,386	10,168 10,894	9,497 3,364	7,530	******
Jowar and bajra	•••	***	***		2,029	12,288	1,558		14,317		******	
Gram and pulse Others					2,029	258	1,558	2,725 100	281	4,283 158	10,034 123	
ides and skins – Hides of cattle –												
Dressed or tanned Raw		***	***		47	777						
Skins of sheep, &c.— Dressed or tanned							53	558	902	611	291	
Raw			:::	:::	7	71 2	1		2	1	1	
emp and other fibres	***											
Raw Gunny-bags and cloth	:::	:::	:::	:::	102 1,259	11,016 469	1,075	8,892 632	11,118 1,728	8,939 1,707	2,179 21	
Stick					} }	÷11		10	-11	10		
Shell eather, manufactured	:::			=	15		7		15	7	8	21
Ale and beer					33	1	29		34	29	5	
Spirits of allkinds, inc					*****82	*****	63	******	82	63	19	******
All other sorts, inclumented liquor, other	ding t	oddy ale a	and nd be	fer- er.	•••••			*****				
etals-												
Copper, unwrought Brass, ditto	***						1	******		1		
Copper, wrought Bress, do.	***		***		79	7 86	112	52	18 165	3 164	15	
Cast	***				100	11)		1	101		
Iron and steel wrong	tht				912 307	86 103	1,112	77	1,565	1,189	376	
Others		•••			-527	62	75	267	-465	342		80
Kerosine					10,830	145	4,950	88	10,975	5,038	5,937	
Castor Cocoanut	:::	:::			146		8		8 146	8	4	*****
Mustard and rape Others			:::	::	228 39	6	} 203	6	273	209	138	
lseeds-			-									•••••
Linseed	***	***				1,792		925	1,792	925	867	
Rape and mustard Til or jinjili			***		543	3,964	344	1,158	4,507	1,502	3,005	
Рорру	***	***	***				2	13		15	2	11
Castor						3			8	*****	3	
Others			***		81	46	40	34	77	74	3	
per and pasteboard			-		136	359	107	155	495	262	233	
ovisions— Ghee	V				97	3						
Dried fruits and nuts Others		::		=	1,216	1,136	1,025	699	2,352	1.794	52	*****
ailway plant and rolli	ng-stoo	ek ca							2,002	1,724	628	
Locomotives, engine	s, and	ten	ders	and								
Darriages and trucks	and par	rts th	ereof									
				2000	5	39			89	•••••		
Steel rails and fish-	plates.	, steet	DOLD*									
Materials-	plates, it-iron.	steel			140 2,561	229	1,371 311	7	140 2,790	1,371 318	2,472	1,231

STAPLES.		4.766		189	9.	180	8.	Tot	al.		
Startes.	Secre			Up.	Down.	Up.	Down.	1899.	1898.	Increase.	Dec eas
Saltpetre, &c.—				Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Saltpetre				6		3		6	3		- 6-35-33
Other saline substances			***			1725 100 200 100 100				3	******
Silk, raw-				1	******	******			*****	******	*** ***
Foreign					******				*****	******	
Indian	**		***	*****	18	******	14	18	14	4	*****
Foreign						Total CHI	N 10 10 10				
Indian—	**		***			*****			******	******	*****
Muce						1007	resets in the	100000			
Endi			***	******	******				******		******
pices-					******	******		******	******		
Betel-nuts				487	595	221	429	1,082	650	432	
Pepper				80	*****	50		30	50		*******
Ginger			***	5	226	4	31	231	35	196	20
Chillies			***	100	210	155	190	310	345		******
Cardamoms			***	******	22		11	22	11	11	3
ime and lime-stone	**		***	130	529	94	440	659	534	125	******
ime and lime-stone	-, **	* ***	***	3,557	2,132	1,187	464	5,689	1,651	4,038	******
ngar—											
Refined or crystallized, candy.				334	11	243	2	345	245	100	******
Unrefined, viz., molasses gur, and other sacchari	and ne pr	jaggery oduce.	or	1,497	1,479	1,296	632	2,976	1,928	1,048	
rea—								Carlo Section			
Tomolom										1 10 10	
Indian	**		14.				3 914	******			******
imbor			***	233	2,477	2	1,314	2,477	1,316	1,161	
	**	• •••	***	200	188	332	200	421	554		13
obacco-										1 0000	
Unmanufactured			***	244	4,349	78	2,708	4,593	2,786	7 004	
Manufactured-					4,040		, , ,	3,000	2,786	1,807	******
Cigars	***			3 9				1 1 1			
Other sorts	***	***	***	5			11	9	11	*****	
Vool, raw											40. 70.
Vool, manufactured—	***	***	***		100		162	100	162		6
Carnets and rage											
Piece-goods, European	***	***	***		******	******	******	******	*****		
Ditto, Indian			***		******	******	******		******		******
Other sorts	***		***	4	******	3	******	4	3	1	
		***	***		******			*****	******		100000
ll other articles of merchand	ise		•••	7,446	3,399	6,054	2,967	10,845	9,021	1,824	
		Total		56,715	82,082	38,815					
	1		***				45,027	138,797	83,842		

CALCUTTA, the 2nd August 1899.

H. Stuart,

Examiner of Accounts.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for the week ended 22nd July 1899 on 1,712 25 miles open.

	COACHIN	G TRAFFIC.	MERCHANDISE TRA	AND MINERAL PRIC.	Other earnings	Total	TRAFFIC	TRAIN-MIL	ES RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Total.
Total traffic for the week Or per mile of railway For previous 23 weeks of half- year Total for 33 weeks	(a) 332,645 762,424 1,095,069	Rs. A. P. (b) 3,20,827 1 0 187 5 11 7,38,245 3 0 10,59,072 4 0	MDS. s. 34,79,223 0	Rs. A. P. (c) 5,96,725 9 0 348 8 1 14,97,788 0 0 20,94,513 9 0	Rs. A, P (d) 14,647 0 0 8 8 10 31,326 0 0 45,973 0 0	Rs. A. P. 9,32,199 10 0 544 6 10 22,67,359 3 0 31,99,558 13 0	94,246	155,189 359,825 515,014	249,433 562,440 811,880
Oomparison. Total for corresponding week of previous year Fer mile of railway corresponding period of previous year Total for corresponding 35 weeks of previous year	310,663 1,021,861	2,89,030 15 9 169 8 2 9,78,515 9 11	35,45,114 20 1,27,39,694 30	6,98,008 9 4 409 5 11 24,34,323 7 9	26,733 9 8 15 10 10 69,633 0 8	10,13,773 2 9 594 8 11 34,82,472 2 4	88,991 297,742	155,469 528,684	244,460 826,426

 ⁽a) The increase is in outward traffic, chiefly from stations in A, C and D districts, on account of "Oolta Ruth Jattra" and movements of pilgrims and marriage parties.
 (b) Deducted Rs. 28,756, being the estimated amount of rebate on coal for the week.
 (c) The decrease is chiefly in upward coal from Giridih and in grain and seed traffic to Calcutta stations.
 (d) Payments on account of mileage and demurrage being more than the receipts, nothing is included.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for the week ended 22nd July 1899 on 22.23 miles open.

	COACHING	TRAFFIC.	MERCHANDISE . TRAF		Out			TRAIN-MILE	S RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	Other earnings (estimated).	Totalearnings.	Coaching.	Merchan- dise.	Total.
		Rs. A.P.	MDs. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway	(a) 22,085	4,909 3 0 220 13 5	8,866 10	288 15 0 13 0 0	7 0 0 0 5 0	5,205 2 0. 234 2 5	1,072	116	1,188
For previous 27 weeks of half- year	42,721	10,060 10 0	16,726 30	B65 9 0	18 0 0	10,644 3 0	2,304	248	2,552
Total for 37 weeks	64,806	14,969 13 0	25,593 0	854 8 0	25 0 0	15,849 5 0	3,376	364	3,740
COMPARISON.									
Total for corresponding week of previous year	18,213	4,112 4 0	8,602 10	296 4 0	6 8 0	4,415 0 0	1,128	60	1,188
ing week of previous year		184 15 9		13 5 3	0 4 8	198 9 8			****
Total for corresponding 37 weeks of previous year	73,065	16,768 7 0	26,015 10	1,028 10 0	25 4 0	17,822 5 0	3,743	217	3,960

⁽a) The increase is due to "Oolta Ratha Jattra" festival.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the week ended 22nd July 1899 on 162.24 miles open.

	COACHING	TRAFFIC.	MERCHANDISE A		Other earnings	Total earnings.	TRAFFIC	TRAIN-MILI	S RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	Total earnings.	Coaching.	Merchan- dise.	Total.
		Rs. A. P.	MDs. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway	18,749	15,635 0 0 96 5 11	64,839 0	7,316 7 0 45 1 6	70 0 0 0 6 11	23,021 7 0 141 14 4	6,656	3,184	9,840
For previous 2) weeks of half- year	43,096	35,220 12 0	1,67,297 20	18,104 2 0	149 0 0	53,473 14 0	15,278	6,778	22,056
Total for 3} weeks	61,845	50,855 12 0	2,32,136 20	25,420 9 0	219 0 0	76,495 5 0	21,934	9,962	31,896
COMPARISON. Total for corresponding week of previous year	20,106g 63,859g	14,778 13 10 91 1 6 48,387 13 5	65,225 30 1,79,018 0	8,468 13 0 52 3 2 25,181 6 0	48 11 3 0 4 10 159 2 3	23,296 6 1 143 9 6 73,728 5 8	7,315 23,449	2,844 9,847	10,150

SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for week ended 22nd July 1899 on 78.83 miles open.

	†Coachin	G TRAFFIC.	MERCHANDISE TRA	AND MINERAL	Other earnings	Tota	TRAFFIC	TRAIN-MIL	ES RUN.
A STATE OF THE STA	Passengers carried.	Receipts.	Weight carried.	Receipts.	(estimated).	earning.	Coaching.	Merchan- dise.	Total.
	No.	Rs. A. P.	M. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway For previous 1‡ week of half-year	9,297 8,319	5,067 11 0 64 4 7 3,403 4 0	11,608 0 13,985 0	1,071 13 0 13 9 7 1,151 4 0	8 0 0 0 1 7 12 0 0	6,147 8 0 77 15 9 4,566 8 0	1,13 2,02,		1,113
Total for 21 weeks	17,616	8,470 15 0	25,593 0	2,223 1 0	20 0 0	10,714 0 0	3,137	1	2,024
COMPARISON.					1.0				8,137
Total for corresponding week of previous year Per mile of railway corresponding			•••••						
week of prevous year			•••••	,			1		

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BIHAR SECTIONS.)

Approximate Keturn of Traffic and Mileage for the week ended 29th July 1899 on 834 miles open.

	COACHIN	G TRAFFIC.	MERCHANDIST	S AND MINERAL FFIC.	1	Total earnings.	TRAFFIC	TRAIN-MILE	S RUN.
on State Andrews	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	including ferry.	Total earnings.	Coaching,	Merchan- dise.	Total.
· a		Rs. A. F	MDs. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
traffic for the week or per mile of railway for previous 3 weeks of half-	195,070 234	1,06,540 0 128 0		1,40,150 0 0 168 0 0	35,560 0 0 32 0 0	2,82,250 0 0 *328 0 0	35,036	34,299	69,335
year	640,140	2,91,080 0	19,12,080 0	3,16,450 0 0	20,010 0 0	6,27,540 0 0	108,270	99,219	207,489
Total for 4 weeks	835,210	3,97,620 0	26,78,050 0	4,56,600 0 0	55,570 0 0	9,09,790 0 0	1,43,306	133,518	276,824
Total for corresponding week of previous year	177,669	80,170 0		1,42,043 0 0	34,329 0 0	2,56,542 0 0	33,654	32,273	65,927
ing week of previous year otal to corresponding date of	218	98 0	1,049 0	174 0 0	31 0 0	303 0 0			
previous year	798,870	3,44,442 0	33,01,651 0	5,04,442 0 0	59,453 0 0	9,08,337 0 0	1,43,902	135,685	279,587

Excluding steamer earnings.

DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 29th July 1899 on 86 miles open.

All de seus constants	COACHING	TRAFFI	c.	MERCHANI	BAF	AND MIN	BRA	L	Other		Tota			TRAFFIC	TRAIN-MIL	RS RUN
	Number of passengers.	Coachi		Weight carried.		Receip	ots.		earnings including fe	rry.	earnin			Coaching.	Merchan- dise.	Total.
	100 mm	Ra,	A. P.	(MDs.	8.	Rs.	A. P		Rs. A	. P.	Rs.	Δ.	P.	2		NO.
per mile of railway	20,610 240	7,220 84		6,760 79		730 9	0 (110 0		8,060 94	0		2,693	1,337	4,030
lear	79,050	22,750	0 0	23,160	0	2,830	0 0	1	370 0	0	25,950	0	0	8,367	3,911	12,278
Total for 4 weeks	99,660	29,970	0 0	29,920	0	3,560	0 (0	480 0	0	34,010	0	0	11,060	5,248	16,308
COMPARISON.	the Contraction															•
otal for corresponding week of previous year	22,915	7,172	0 0	23,485	0	1,806	0 (546 0	0	9,524	0	0	2,399	2,367	4,766
to corresponding date of		84	0 0	273	0	21	0 ()	6 0	0	111	0	0			
Previous year	98,544	29,197	0 0	1,04,064	0	6,839	0 (888 0	0	36,924	0	0	10,170	10,004	20,174

MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 29th July 1899 on 33 miles open.

	COACYIN	G TRAFFIC.	MERCHANDISE TRAF	PTC	Other earnings, including ferry.	Total carmings	TRAFFI	C TRAIN-MI	LES RUN.
	Number of posengers.	Coaching receipts.	Weight carried.	Receipts.	including ferry.	Total earnings.	Coaching.	Merchan- dise.	Total
		Rs. A. P.	MDs. 8.	Rs. A. P.	* Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway half- For previous 3 weeks half-	2,360 72	590 0 0 18 0 0	650 0 20 0	60 0 0 2 0 0		650 0 0 20 0 0	280	712	99
year	8,630	2,080 0 0	3,600 0	290 0 0	10 0 0	2,380 0 0	968	2,050	3,01
Total for weeks	10,990	2,670 0 0	4,250 0	350 0 0	10 0 0	3,030 0 0	1,248	2,762	4,01
Comp 180N. Total for responding week of prevy railway correspond-							i inte	in the same	No.
fota of previous year								-	

^{*} Includes ballast train-miles 530.

BRAHMAPUTRA-SULTANPUR RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 29th July 1899 on 24.75 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRAF		Other earnings (including	Total	TRAFFIC	TRAIN-MIL	ES RUN,
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	ferry).	earnings.	Coaching.	Merchan- dise.	Total
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.		- 4	- 6
Potal traffic for the week Or per mile of railway For previous 3 weeks of half-	1,030 42	310 0 0 12 0 0	1,910 0 77 0	140 0 0 6 0 0	30 0 0	480 0 0 19 0 0	180	898	1,078
year	4,740	1,270 0 0	10,630 0	1,240 0 0	160 0 0	2,670 0 0	710	3,796	4,50
Total for 4 weeks COMPARISON.	5,770	1,580 0 0	12,540 0	1,380 0 0	190 0 0	3,150 0 0	890	4,694	5,58
Total for corresponding week of previous year							*****		
real to corresponding date of previous year									···

^{*} Includes ballast train-miles 728.

COOCH BEHAR STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 29th July 1899 on 33.73 miles open.

(Section 1)	COACHING	OVACHING TRAFFIC.		MERCHAND	TR.	AND MIN	BRAI	. 1	Other ears	ings		Total		TRAFFIC TRAIN-MILES RUN.			
	Passengers carried.			1	Weight carried.		Receip	ts.	1	includi ferry	ng	Tota	earnings.		Coaching.	Merchan- dise.	Total.
		Rs.	A. :	P.	MDs.	8.	Rs.	A. P.	İ	Rs.	A. P.	Rs.		. P.		107 (8)	0.00
Total traffic for the week Or per mile of railway For previous 3 weeks of half-	1,640 49	650 19	0		5,510 163		900 27	0 0		40	0 0	1,590 *48	0	0	870	1 790	1,160
year	5,890	2,330	0	0	26,910	0	2,440	0 0)	140	0 0	4,910	0	0	1,020	2,962	3,982
Total i r 4 weeks	7,530	2,980	0	0	\$2,420	0	3,340	0 0		180	0 0	6,500	0	0	1,390	3,752	5,142
Comparison.																TO SECURE OF SECURE	
Total for corresponding week of previous year Per mile of railway correspond-	1,260	432	0	0	2,879	0	327	0 0	,	106	0 0	865	0	0	159	669	828
ing week of previous year Total to corresponding date of	57	19	0	0	108	0	15	0 0)	1	0 0	35	0	0			
previous year	5,260	1,843	0	0	9,752	0	1,368	0 0)	465	0 0	3,676	0	0	681	2,591	3,271

^{*} Excluding coaching ferry.
† Includes ballast train-miles 480

BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

Approximate Return of Traffic and mileage for the week ended 22nd July 1899 on 125 miles open.

	COACHING	TRAFF	ıc.	1	MERCHANDISE AT			BRA	L					TRAFFIC	TRAIN-MIL	es run.		
	Number of passengers.	Coach			Weight carried.		Receip	ts.		Other ear	ning	8.	Total ear	rnir	ıgs.	Coaching.	Merchan- dise.	Total.
		Rs.	A. P	.	MDs.	8.	Rs.	A. 1		Rs.	A. P.		Rs.	۸.	P.	24		
otal traffic for the week per mile of railway or previous 2 weeks of half-	30,033 240	12,676 102			32,822 263	0	3,166 25	0	0	256 2	0 (16,098 129	0		5,041	2,635	7,67
year	78,803	27,738	0 (0	1,20,635	0	8,104	0	0	575	0 (0	36,417	0	0	10,826	6,012	16,83
Total for 3 weeks	108,836	40,414	0 (0	1,53,457	0	11,270	0	0	831	0 (0	52,515	0	0	15,867	8,647	24,51
COMPARISON.												100						
otal for corresponding week of previous year	27,751	10,149	0 (0	62,689	0	2,949	0	0	38	0 (0	13,136	0	0	4,039	3,151	7,16
ng week of previous year	222	81	0 (0	502	0	24	0	0			V)	105	0	0	·		
of previous year	108,201	37,079	0 (0	1,88,729	0	10,427	0	0	1,164	0 1	0	48,670	0	0	13,726	9,425	23,2

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

(WORKED BY THE B.-N.-W. RAILWAY.)

Audited Return of Traffic for week ending 17th June 1899 on 18 miles open.

	COACHING	TRAFFIC.		AND MINERAL FFIC.	Other earnings	Total	TRAFFIC TRAIN-MILES RUN.			
	Passengers carried.	Receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Total.	
A contract of the contract	No.	Rs. A. P.	MDS.	Rs. A. P.	Rs. A. P.	Rs. A. P.	3.			
otal traffic for the week on 18 miles open	994 55*22	196 8 9 10 14 9	7,389 410°50	225 12 0 12 8 8	1 13 0 0 1 7	424 1 9 23 9 0	369	135	504	
year	14,906	3,480 3 5	1,33,893	3,742 15 0	81 12 0	7,304 14 5	5,442	2,638	8,080	
Total for 154 weeks	15,900	3,676 12 2	1,41,282	3,968 11 0	83 9 0	7,729 0 2	5,811	2,773	8,584	
COMPARISON.								- 90		
Total for corresponding week of previous year on miles open Per mile of railway correspond-										
ing week of previous year fotal to corresponding date									•••	
of previous year		.,				******			***	

BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the week ending 29th July 1899 on 1,082 miles open.

	COACHING	COACHING TRAFFIC.		AND MINERAL	Other earnings (estimated).	gs . Total earnings.	TRAFFIC TRAIN-MILES RUN.			
	Number of passengers.	Receipts.	Weight carried.	Receipts.	including steam-boat.	Total earnings.	Coaching.	Merchan- dise.	Total.	
Total traffic for the week on 1,082 miles open	117,750 108°83 420,330	Rs. 43,350 40'06 1,65,700	Mds. 3,66,380 338.61 16,65,470	Rs. 40,670 37.59 2,08,590	Rs. 12,400 11.46 54,\$30	Rs. (a)96,420 89·11 4,29,120	25,567 79,359	(b)24,736 89,729	50,303 169,088	
Total for 4; weeks COMPARISON.	538,080	2,09,050	20,31,850	2,49,260	67,230	5,25,540	1,04,926	1,14,465	219,391	
total for corresponding week of previous year on 925 miles open for mile of railway corresponding week of previous year total to corresponding date of previous year	120,427 130°19 466,484	47,539 51°39 1,79,628	6,30,811 681°96 22,57,366	72,425 78*30 2,83,693	20,414 22°07 61,803	1,40,378 151.76 5,25,124	22,263 91,267	(c)26,388 1,10,255	48,651 201,522	

⁽a) Decrease is due to lesser traffic carried owing to heavy rain.
(b) Includes 5,210 miles of ballast trains run on open line.

ASSAM-BENGAL BAILWAY.

Approximate Return of Traffic for the week ended 22nd July 1899 on 396 miles oven for all descriptions of Traffic and an additional 37 miles for goods and parcels traffic only.

	COACHING TRAFFIC.		MERCHANDISE TRAF		Other earnings		TRAFFIC TRAIN-MILES RUN.			
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	Total earnings.	Coaching.	Merchan- dise.	Total.	
1016 100 100	0. 6 9 9	Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.				
Total traffic for the week Or per mile of railway For previous 2 weeks of half-	21,333 53.87	12,151 0 0 30.68	2,69,746 0 622-97	12,089 0 0 27.92	295 0 0 0.68	24,535 0 0 59.28	3,247 8°20	7,331 16.93	10,578 25°13	
year	55,418	32,041 0 0	5,50,772 0	25,424 0 0	993 0 0	58,458 0 0	7,918	16,431	24,349	
Total for 3 weeks	76,751	44,192 0 0	8,20,518 0	37,513 0 0	1,288 0 0	82,993 0 0	11,165	23,762	34,927	
COMPARISON. Total for corresponding week	9 0.385	T Special	- 19							
of previous year Per mile of railway correspond-	19,220	10,404 0 0	2,32,746 0	10,711 0 0	819 0 0	21,434 0 0	2,995	4,630	7,625	
ing week of previous year Total to corresponding date of	67.68	36.63	794-35	36.22	1.09	74.27	10.55	15.80	26.32	
previous year	66,181	35,593 0 0	7,99,575 0	36,031 0 0	1,006 0 0	72,630 0 0	9,452	16,128	25,580	

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

RECEIF 2:	TS FOR WEEL	ENDING		TS FOR WEEK SED JULY 189	ENDING 8.	TOTA	APRIL 1899 TO 22ND APRIL 189		APRIL 1899 TO 22ND		TOTAL RECEIPTS FROM 18T APRIL 1898 TO 23RD JULY 1898.			Total	Total
Mean mileage worked.	Receipts.		Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.	increase in 1899.	decrease in 1899.		
423	Rs. 24,535	Rs. 59°28	293	Rs. 21,434	Rs. 74*27	433	Rs. 4,64,911		293	Rs. 4,11,555		Rs. 53,356	9		

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

				-	-	-
Decrease				3,951	0	0
Ditto for the corresponding period of 1898			•••	54,074	0	0
Receipts from 1st July to 29th July 1899 Ditto for the corresponding period of 1898			•••	50,123	0	0
Decrease	•••			37	2	2
100 - 100 <u>- 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100</u>				283	8	2
Receipts per mile for the week ending 29th July 1899 Ditto for the corresponding period of 1898				246	6	0
Decrease				1,894	0	0
for the corresponding period of 1898	***	•••		14,459	0	0
Approximate earnings for the week ending 29th July Ditto for the corresponding period of 1898	1899			Rs. 12,565	0	P. 0



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, AUGUST 16, 1899.

OFFICIAL PAPERS.

[Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.]

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Abstract of the Proceedings of the Council of the Lieutenant-Governor of Bengal, assembled under the provisions of the Indian Councils Acts, 1861 and 1892.

THE Council met at the Council Chamber on Saturday, the 5th August, 1899.

Present:

The Hon'ble Sir John Woodburn, K.C.S.I., Lieutenant-Governor of Bengal, presiding.

The Hon'ble Nawab Bahadur Syud Ameer Hossein, c.i.e.

The Hon'ble Mr. W. B. OLDHAM, C.I.E. The Hon'ble Mr. R. B. BUCKLEY.
The Hon'ble Mr. C. W. Bolton, C.S.I.

The Hon'ble Mr. E. N. BAKER.

The Hon'ble Rai Durga Gati Banerjea Bahadur, c.i.e.

The Hon'ble Mr. C. E. BUCKLAND, C.I.E. The Hon'ble Mr. F. F. HANDLEY. The Hon'ble Mr. F. A. SLACK.

The Hon'ble Babu Jatra Mohan Sen.

The Hon'ble Mr. T. W. SPINK.

The Hon'ble Raja Shashi Shakhareswar Roy Bahadur, of Tahirpur.

The Hon'ble Raja Ranajit Sinha Bahadur, of Nashipur.

The Hon'ble Sahibzada Mahomed Bakhtyar Shah, c.i.e.

The Hon'ble Mr. D. F. MACKENZIE.

The Hon'ble Mr. J. G. APCAR.

The Hon'ble Dr. Asutosh Mukhopadhyaya, M.A., D.L., F.R.A.S., F.R.S.E.

The Hon'ble BABU BOIKANTA NATH SEN.

The Hon'ble Babu Surendranath Banerjee.

NEW MEMBERS.

The Hon'ble Mr. Buckland, the Hon'ble Mr. Handley, the Hon'ble Mr. Slack, the Hon'ble Mr. Apcar, the Hon'ble Dr. Asutosh Mukhopadhyaya, the Hon'ble Babu Boikanta Nath Sen and the Hon'ble Babu Surendranath Baner-jee took their seats in Council.

THE LALBAG SUB-DIVISION.

The Hon'ble Raja Ranajit Sinha Bahadur of Nashipur asked:-

Has the attention of the Government been drawn to the inconveniences felt by the people residing within the jurisdiction of the old sub-division of Lalbag in the district of Murshidabad owing to the abolition of the said sub-division and to the transfer of the civil and criminal jurisdiction of the thanas of Kalaynganj, now called Nabagram, and Sagardighi to the Kandi and Jangipur sub-divisions respectively, and to the orders recently passed by the District Magistrate withdrawing the powers hitherto been exercised without interruption for over four years by the Honorary Magistrates of Lalbag authorized to sit singly to take cognizance of offences on complaints and Police reports? Has the Government any intention to restore the Lalbag sub-division, and, if not, will the Government be pleased to re-transfer the jurisdiction over the thanas of Nabagram and Sagardighi to the Lalbag civil and criminal courts and to appoint a City Magistrate at Lalbag, or to order the Magistrate of Murshidabad to cancel the orders above referred to?

The Hon'ble Mr. Bolton replied:-

"The Lieutenant-Governor took the opportunity of enquiring locally into the matter referred to by the Hon'ble Member during his recent visit to Murshidabad, and has come to the conclusion that the restoration of the Lalbag subdivision is the most suitable arrangement. Steps will accordingly be taken to re-establish the subdivision, with jurisdiction over the area formerly attached to it."

INCOME AND EXPENDITURE ON ACCOUNT OF ROAD CESS.

The Hon'ble Raja Ranajit Sinha Bahadur of Nashipur, said:-

Will the Government be pleased to lay on the table a statement showing the income derived from road cess and the expenditure incurred from that fund, item by item, in respect of the several districts of Bengal for every year from 1892-93 to 1897-98?

The Hon'ble Mr. BAKER replied :-

"I lay on the table a statement showing the income from Road Cess in each district for each of the years 1892-93 to 1895-96.

"As regards expenditure 'incurred from that fund' the question is not clearly understood. Under section 109 of the Cess Act of 1880, the receipts from Road Cess, after payment of the costs of assessment and collection, are payable to the District Fund, and there is no expenditure incurred specifically against them.

"If the Hon'ble Member requires details of expenditure on public works incurred by District Boards, the figures will be collected, but the operation may take some time."

Statement of Road Cess Income and Road Cess Expenditure of the District Boards in Bengal from 1892-93 to 1895-96.

Name of di	STRICT.	Receipt	s of Road Ce lucting the co reva	ess during the ost of collect luation.	e year, after ion and	objects in	ess expendit cluded in sec ng repaymen	oftion Ino A	4 TV - 6 1000
		1892-93.	1893-94.	1894-95.	1895.96	. 1892-93.	1893-94.	1894.95.	1895-96.
1		2	3	4	5	6	7	8	9
Burdwan Di	vision.	Rs.							
rdwan irbhum nkura idnapore ooghly owrah		1,25,412 50,351 35,224 1,71,736 85,535 42,858	50,137 36,128 1,83,201 80,194	1,28,845 65,602 34,200 1,93,903 81,593 37,649	1,15,779 70,287 41,600 1,72,427 89,615 40,407	52,862 38,357 1,67,195 89,501	1,65,793 44,729 43,499 1,63,529 75,192 47,276	1,63,142 63,712 38,637 2,02,914 1,05,390 47,072	1,83,900 66,553 39,386 2,35,564 1,09,494 47,273
Presidency Di Parganas dia rishidabad sore ulna Rajshahi Div	vision.	1,09,864 58,021 62,257 80,352 61,362	1,13,613 69,088 68,827 86,496 61,724	1,10,857 77,190 69,563 83,878 70,079	1,10,029 70,930 65,186 77,655 72,643	68,396 72,682	2,14,936 67,518 78,825 1,19,113 67,565	2,14,503 \$7,502 95,225 1,25,840 83,697	2,17,236 82,287 68,672 1,19,726 76,558
ishahi najpur paiguri ngpur gra ma	•••	80,882 91,394 54,051 1,23,472 50,148 52,337	91,323 82,184 44,935 1,16,766 49,033 57,662	98,295 83,149 43,250 1,17,362 60,827 59,276	95,189 88,376 53,249 1,16,851 58,162 60,420	86,715 1,74,410 1,45,492 1,19,505 52,873 51,780	78,631 1,58,727 1,59,537 1,01,183 40,909 58,028	78,727 1,60,015 1,14,533 97,737 56,261 48,272	83,905 1,40,958 95,885 1,24,796 77,434 59,999
Dacca Division cca mensingh idpur ckergunge Mittagong Divi		1,02,342 1,65,067 52,636 96,556	81,062 1,69,400 47,924 1,27,359	91,575 1,62,423 58,626 95,459	99,213 1,56,879 59,819 1,75,335	96,577 1,92,025 71,424 96,992	94,059 1,47,965 67,935 1,36,308	89,117 1,56,799 55,376 1,35,150	91,787 2,00,293 68,039 1,55,100
pera khali tagong Patna Divisio	···	1,04,408 76,204 82,270	91,340 66,832 82,202	1,04,959 76,614 78,479	95,706 76,648 75,186	52,377 97,348 85,214	71,011 81,468 49,339	64,253 64,834 87,390	48,199 94,300 99,340
a a abad r paran affarpur affanga agalpur Divis	 ion.	1,79,475 2,44,780 1,75,448 1,83,378 79,325 2,12,680 1,96,742	1,77,020 2,00,983 1,66,345 1,75,124 99,608 1,83,763 1,98,166	1,62,376 2,15,107 1,62,688 1,51,566 80,165 1,85,383 1,95,615	1,59,993 1,90,155 1,70,122 1,81,429 82,346 1,94,483 1,91,520	2,48,836 2,19,673 1,53,006 1,57,559 78,215 1,90,277 5,06,988	1,94,285 2,91,288 2,83,411 1,59,198 80,186 2,29,433 2,01,853	1,57,680 1,81,805 1,67,536 1,97,044 87,493 2,04,284 2,20,186	1,17,389 2,37,736 1,46,049 1,76,557 83,883 2,35,231 2,18,027
nghyr Agalpur Ma Orissa Division		1,46,550 1,28,823 87,680 26,557	1,35,969 1,19,760 1,07,150 32,490	1,28,632 1,31,554 99,003 30,576	1,29,545 1,17,595 99,047 80,627	1,06,609 2,07,767 98,280 29,690	1,46,526 1,08,070 84,348 37,351	1,55,386 1,03,888 1,04,700 31,141	1,52,550 1,62,236 91,235 89,570
ack sore		54,200 84,278 31,526	60,071 34,656 32,209	61,570 81,701 81,840	55;688 33,624 32,076	50,687 51,230 28,129	66,517 36,848 25,050	70,894 33,374 19,544	59,752 32,374 29,315

ROAD AND PUBLIC WORKS CESSES.

The Hon'ble Raja Ranajit Sinha Bahadur of Nashipur, said:-

Will the Government be pleased to furnish a statement showing the joint collection charges of the road and public works cesses for every year, from 1877-78 to 1898-99, and the amount of costs borne by the District Boards and the Provincial Revenues, respectively?

The Hon'ble Mr. BAKER replied :-

"I lay on the table a statement giving the information asked for, so far as it is available. For the first two years, 1877-78 and 1878-79, the amount debited to Local Funds was not shown separately and the figures cannot now be furnished. The figures for 1898-99 are not yet fully available.

"The statement below shows the collection charges of the Road and Public Works Cesses:—

Cesses:-				
	ting	charges for collec- Road and Public	Amount debited to Government.	Amount debited to District Funds.
		Works Cesses. Rs.	Rs.	Rs.
1877-78			10,270	
1878-79			12,923	
1879-80		1,61,041	46,800	1,14,241
1880-81		1,73,146	46,800	1,26,346
1881-82		1,83,904	46,800	1,37,104
		2,35,201	46,800	1,88,401
1882-83		2,69,367	46,800	2,22,567
1883-84		2,34,253	46,800	1,87,453
1884-85			46,800	1,59,952
1885-86	***	2,06,752	46,800	1,78,760
1886-87		2,25,560		3,06,034
1887-88	***	3,52,834	46,800	2,76,563
1888-89		3,23,363	46,800	
1889-90		3,54,706	46,800	3,07,906
1890-91		4,25,216	46,800	3,78,416
1891-92		4,50,547	46,800	4,03,747
1892-93		3,14,743	46,800	2,67,943
1893-94		3,08,784	46,800	2,61,984
1894-95		2,92,445	46,800	2,45,645
1895-96		2,55,309	46,800	2,08,509
		2,88,963	46,800	2,42,163
1896-97		3,08,479	46,800	2,61,679
1897-98	***	0,00,110		

OUTRAGES ON WOMEN IN MYMENSINGH.

The Hon'ble Raja Ranajit Sinha Bahadur of Nashipur asked:-

Has the attention of the Government been drawn to the reports which appeared in the *Indian Mirror* of the 22nd June last and the *Hitabadi* of 13th, 20th and 27th *Jaista* 1306 B.S. and other newspapers regarding the outrages and assaults on women in the district of Mymensingh, and will the Government be pleased to state what steps, if any, it has taken in the matter?

The Hon'ble Mr. Bolton replied:-

"The statements which appeared in the newspapers attracted the notice of the Government and reports were called for from the Magistrate of the district and the Commissioner. There has been no marked increase in offences against women during the present year, but many cases have occurred in recent years, the crime having been prevalent in the district for a very long period. During both Sir Charles Elliott's and Sir Alexander Mackenzie's administration orders were issued to ensure more effective investigation of cases and prosecution of offenders. The Police have not since been remiss, and many convictions, accompanied by heavy sentences, have been secured. These punishments have presumably not been without effect on the bad characters, but further special action appears necessary. The Lieutenant-Governor has accordingly sanctioned the deputation of Special Police Inspectors to the district, to assist the ordinary Police. These officers will take up all serious

cases reported, and the detection of crime will, it is hoped, be more prompt and effectual. They will also be utilised for enquiries as to the propriety of proceedings against desperate and dangerous characters under section 110 (f) of the Code of Criminal Proceedure."

WATER-SUPPLY IN THE MUFASSAL.

The Hon'ble Raja Ranajit Sinha Bahadur of Nashipur asked :-

Will the Government be pleased to lay on the table a statement, district by district, showing the amount spent on account of the water supply in the mufassal and the number of wells and tanks excavated and re-excavated for the last 5 years?

The Hon'ble Mr. BAKER replied:-

"I will lay on the table a statement showing the amount spent on watersupply by District Boards and Municipalities during the five years 1893-94 to .1897-98. The other figures asked for by the Hon'ble Member are not available."

SALARIES OF MINISTERIAL OFFICERS.

The Hon'ble BABU JATRA MOHAN SEN said :-

Having regard to the sympathetic views entertained towards the ministerial officers by the Government, may I be permitted to ask whether the Government may be disposed to grant annual increment to the salaries of the ministerial officers, who are allowed under the present rules biennial increments? This arrangement, I venture to suggest, will not probably effect any appreciable alteration in the budget statement.

The Hon'ble Mr. Baker replied:-

"The views of this Government regarding the salaries of ministerial officers have been expressed on several occasions in this Council, and were stated again during the last budget debate. It has already been explained that the sanction of the Government of India is required under the rules before any general measure of the kind contemplated can be undertaken. Subject to such sanction, it is the Lieutenant-Governor's desire to take up the question when financial conditions permit: but His Honour does not consider that the conversion of biennial into annual increments would be an appropriate or economical method of dealing with it."

STATEMENT AS TO THE COURSE OF BUSINESS.

The Hon'ble the President said:—"Gentlemen of the Council,—The first item on the list of agenda to-day is a statement—and it shall be a short statement—by the President as to the legislative business that will come before the Council during this session. It is probable that later on in the session a Bill will be brought before you for consideration in regard to the appointment and remuneration of the establishment of Civil Court amins. That will be a short and simple Bill. Otherwise your time will be absorbed by the great and engrossing discussion regarding the Calcutta Municipal Bill. Under ordinary circumstances it would have been our duty to-day to commence the discussion upon the Report of the Select Committee which presented its opinions last April. As you all are aware, there has been received from the Government of India a grave and important despatch, in which the Government of India convey to us their opinion that there should be a material alteration in the constitution of the Corporation of Calcutta. My answer to that as Lieutenant-Governor of Bengal is in your hands. To that answer I have nothing to add, and from that answer I have nothing to retract. It is now the business of the revived Select Committee to consider the recommendations which have been made to it by the Government of India. The Select Committee will be re-constituted to-day, and it will be its business to go through the draft prepared by the Select Committee of April and to determine in what way changes are necessary to give effect to the views of the Government of India."

CALCUTTA MUNICIPAL BILL.

THE Hon'ble Mr. BAKER moved that the Hon'ble Mr. MACKENZIE and the Hon'ble Mr. APCAR be added to the Select Committee on the Calcutta Municipal Bill.

The Motion was put and agreed to.

The Hon'ble Mr. Baker also moved that the Hon'ble Babu Surendranath Banerjee be re-appointed to the Select Committee on the Calcutta Municipal Bill.

The Motion was put and agreed to.

The Hon'ble Mr. Baker also moved that the Calcutta Municipal Bill be referred back to the Select Committee for further consideration, with reference to the correspondence between the Government of India and the Government of Bengal, which was published in the Supplement to the Calcutta Gazette of the 12th July, 1899, and with instructions to report within two weeks. He said:—

"The object of this motion is to enable the Select Committee to consider the views expressed by the Government of India in their letter No. 93 of the 17th June last, which have received the acceptance of the Local Government.

"After the remarks that have fallen from His Honour the President, it is not necessary for me to enlarge upon the proposals put forward by the Government of India. Those proposals and the reasons for them have been before the Public since the 12th of last month, and are no doubt familiar to all Members of this Council. They are four in number. Firstly, it is proposed to reduce the number of Ward Commissioners from 50 to 25, so that the Corporation shall consist of 50 Commissioners, of whom one half are elected at ward elections and one half are appointed by Government or nominated by special constituencies. This plan follows generally the model of the Bombay Corporation. Secondly, it is proposed to follow the same model in respect of the constitution of the General Committee, and to provide that of the total number of 12 members, eight shall be elected by the entire Corporation and four shall be appointed by Government. Thirdly, it is proposed to enact provisions to secure that the proportion of the General Committee which is to be elected by the entire Corporation, shall be a strictly fair and proportionate representation of the constituents of the electoral body. And fourthly, it is proposed to lay down rules for the appointment of Special and Sub-Committees which shall secure their being truly representative.

secure their being truly representative.

"These proposals, if adopted, will involve comparatively few changes in the Bill as now amended, and the Select Committee should have no difficulty in

coming to a decision upon them within the time allowed.

"There is, however, another point as to which I wish to say a few words; for although it arises directly out of the proposals of the Government of India, it is not expressly mentioned in the correspondence. I refer to the initial arrangements for constituting the first body of Commissioners under the new Bill. It will be within the recollection of Members that the Select Committee proposed that the 25 Commissioners appointed by Government or nominated by the Chamber of Commerce, the Trades Association, and the Port Trust should all vacate their seats on the 1st April, 1900, the date on which it is expected that the Bill will come into force: but that, at the instance of the members representing the Corporation, it was provided that the 50 elected Ward Commissioners under the present Act should retain their seats until 1st April, 1901, the date up to which they would have been entitled to sit if there were no change in the law. This arrangement was urged upon us with a view to avoid the trouble and expense of holding a fresh general election in advance of the usual date. As the original Bill proposed no change in the number of the Commissioners, there seemed no good reason why the wishes of the representatives of the Corporation should not be acceded to: and for this reason the Select Committee agreed to adopt them.

"But if, in accordance with the views of the Government of India, it is now decided to reduce the number of elected Commissioners to 25, it is no longer possible to allow the old Ward Commissioners to retain their seats when the new Act comes into force. They will have to vacate their seats, like the nominated Commissioners, and arrangements must be made to constitute an entire new body of Commissioners, who shall hold office from 1st stitute an entire new body of Commissioners, who shall hold office from 1st April, 1900. As regards the nominated Commissioners, there is no difficulty. The Bill already provides for their appointment in advance of the necessary date, and no change is required. But as regards the elected Commissioners the matter is less simple. We cannot hold an election under the new Act in advance of the due date, because under the Bill changes have been made in the procedure for holding elections. The preparation of an election-roll has been made compulsory, and the compilation of this must be taken up in the month of September preceding the elections. These conditions could not, for obvious reasons, be carried out in respect of the first general election if that is held before the Act comes into general operation. It has accordingly been suggested that the first general election should be held in March, 1900, under the provisions of the present Act of 1888, with the proviso March, 1900, under the provisions of the present Act of 1888, with the proviso that each ward shall elect only one Commissioner instead of two; and each Commissioner so elected shall hold office under the new Act, from the 1st April, 1900, for the usual term of three years. This is the solution of the difficulty which commends itself to Government as at present advised, and it will be laid before the Select Committee, with a view to the necessary amendments being made in the Bill. Government, however, does not desire to bind itself to this plan, and if any Member has a better solution to offer, it will be open to the Committee to consider it."

The Hon'ble Mr. APCAR said:—"I crave the indulgence of the Council, which I am sure will be extended to me by yourself, in consideration of the circumstance that I appear here for the first time to-day, and because of the present juncture relating to the great and engrossing subject which Your Honour has referred to, namely, the Calcutta Municipal Bill.

"If I am in order, I desire to explain, in order that I may not be put into a false position, the reason why I ask for an adjournment of the Council to enable me to prepare myself to represent the interests I have come here to represent. Your Honour is aware that there have been circumstances that delayed my appointment as a Member of this Council being made, and as a matter of fact it was not made until the 18th July last. I could not be expected before my appointment was made to begin to prepare myself for the consideration of the subjects to be brought before this Council. I have found that my attention has been required to be given to an overwhelmning mass of material which has occupied my time wholly. I have been most anxious to learn what the course of business at this meeting would be, but I have for various reasons which are known to you, Sir, wholly failed to learn anything with certainty until Thursday last; and therefore I could not, I dared not, stop my study of the subject as a whole to give my mind to the preparation of any particular the subject as a whole to give my mind to the preparation of any particular matter. I do not seek to attach blame to any one for my being left uninformed as to the business to be brought forward. I certainly have not, on my part, been remiss in any way, and the fact remains that I tried my best and I received no notice of the business until very lately. And, lastly, my attention was drawn to certain points of detail in the Bill which I have not had time to consider, but to which I have thought that I ought to give my attention with the view of proposing amendments to help the Council. That distracted my attention and threw me back, and I am now in the position that I have not got the papers I require and I am not prepared. If Your Honour desires that I should go on, I shall do so; but I shall be better able to do so if I am allowed an extension of time, and I shall be glad if you. Sir, will see your I am allowed an extension of time, and I shall be glad if you, Sir, will see your way to postpone the further consideration of the matter now before the Council to next Saturday. I leave myself entirely in your hands, feeling sure that every consideration will be shown to me, and that Your Honour will do what is right under the circumstances."

The Hon'ble the President said:—"Gentlemen,—I think it would be the wish of all of you that every reasonable consideration should be given to any Hon'ble Member of this Council, particularly to a newly-joined Member, who has described the difficulties of his position in the very feeling language in which the Hon'ble Mr. Apcar has described his difficulties to you. But I venture to think that the question upon which he and other Hon'ble Members of this Council wish to address us is, after all, however grave, not a very complicated or difficult subject. The issue before us at this moment is simply the proposal of the Government of India as to the alteration in the constitution of the Corporation. These are, as I have said, grave matters in which we are all deeply interested, and upon them there are very strong and differing opinions. But the issue is not one which requires great study or extremely elaborate application, And therefore I think it will meet all purposes of Hon'ble Members of this Council if, in order to give time to finally prepare themselves upon an issue of this description, I adjourn the Council till Monday. The Council is accordingly so adjourned."

The Council adjourned to Monday, the 7th August, 1899.

CALCUTTA;
The 15th August, 1899.

F. G. WIGLEY,

Assistant Secretary to the Govt. of Bengal, Legislative Department.

RESOLUTION ON THE ANNUAL REPORTS ON THE ALIPORE AND HAZARIBAGH REFORMATORY SCHOOLS FOR THE YEAR 1898.

No. 483P.-D.

POLITICAL—(Jails).

Dated Darjeeling, the 6th July 1899.

RESOLUTION.

Letter No. 4306, dated 26th April 1898, from the Inspecior-General of Jails, submitting the Annual Reports on the Alipore and Hazaribagh Reformatory Schools for 1898.

Read also-

The Reports for the years 1897 and 1896, and the orders of Government recorded

The Report on the Reformatories for the year 1898 was received from

- the Inspector-General of Jails in print on the 23rd May.

 2. The two institutions had, on the last day of 1897, 554 inmates, of whom 212 were at Alipore and 342 at Hazaribagh. The number of boys who were released, or transferred, or who died or escaped was 178, and the admissions were 92; the total number remaining at the end of the year being thus 468, of whom 194 were at Alipore and 274 at Hazaribagh. Of these, 304 were Hindus and 148 Muhammadans; 15 belonged to aboriginal tribes, and 1 was a Native-Christian. The admissions during the year fell off largely, the figure for the previous year being 167 and the average for the five preceding years 135. The decrease was presumably due in a large measure to the use by Magistrates of the provisions of section 31 of Act VIII of 1897. Information on the subject is not, however, available, and the Commissioners of Divisions will be requested to furnish it in future, for incorporation in this report. It is expected that, under the provisions just mentioned, the annual admissions into the Reformatories will be substantially reduced. Rules were issued, under the Act, in February last, defining what youthful offienders should be sent to the Schools by the Courts and regulating the periods of their detention. The number of releases from the institutions was considerably in excess of admissions, including the cases of 40 young boys whom the Government thought it desirable to release under section 14 of the Act, on account of their extreme youth. The Lieutenant-Governor will be obliged if the Commissioners will examine the records in recent admissions to see whether there are cases which might have been more suitably disposed of under section 31. The daily average number of boys was 203.98 at the Alipore School and 311.16 at the Hazaribagh School, as compared with 189.89 and 344.04 respectively in 1897. The general health of the boys was good, although there was an increase, as compared with the previous year, both in the number of admissions to hospitals and in the average number of sick, due, at Alipore, to epidemics of chicken-pox and influenza, and, at Hazaribagh, to an increase in cases of intermittent fever.
- 3. Offences, Punishments, and Marks.—The total number of offences recorded at Alipore was 217 against 222 in the previous year, and at Hazaribagh 173 against 248. In all, 95 boys, or 46 per cent. of the daily average number of inmates, were punished during the year at Alipore, and 111 or 36 per cent. at Hazaribagh. The Inspector-General reported on the marked divergence in regard to offences and punishments between the two schools which the Lieutenant-Governor commented on in the Resolution on the Report for 1897. The returns showed a continuous decrease in offences at Hazaribagh against a continuous increase at Alipore, and a much higher proportion of "serious" offences, with fewer punishments for such offences at Hazaribagh than at Alipore. The Inspector-General explained that the high proportion of "serious" offences at Hazaribagh was due to thefts of fruit in the garden and attempts to damage looms and otherwise obstruct the new industry of blanketweaving which was then being introduced, and that the personal influence of Mr. Hill, who has had charge of the Reformatory for many years, probably enables him to maintain discipline with fewer punishments. The matter is

not of practical importance, as the Lieutenant-Governor is satisfied that there is no laxity in the management of either School, but the Inspector-General will probably be able to ensure a more uniform classification of offences for the future. Marks for good conduct were earned by 172 boys or 84 per cent. at Alipore, and by 295 boys or 80 per cent. at Hazaribagh. Marks are awarded weekly and entitle the boys to a small money gratuity, half of which may be spent in small luxuries, such as fruits and sweetmeats, while the other half is placed in the Post-office Savings Bank for the benefit of the boys on their release. The advantage of earning marks being thus immediately apparent is said to be well understood and appreciated.

4. Instruction and Gymnastics .- The only change made in the educational system during the year was the discontinuance at Hazaribagh of night school from 6 to 7-30. The Superintendent found that little good resulted from it, and the difficulty in maintaining discipline among the boys while doing their lessons at that hour in a bad light was great. Night school was abandoned at the Alipore Institution in 1897 for similar reasons. Both the Reformatories were visited by the Inspector and Deputy Inspector of Schools of their respective circles. The teaching of drill and gymnastics is reported to have been continued during the year with good effect. At Alipore sports were occasionally held on holidays, and the boys competed for small prizes. The trades taught at Alipore were the same as in the previous year, viz., carpentry, book-binding, cane-work, blacksmith's work, gardening, tinwork, and printing. At Hazaribagh shoe-making and tin-work were discontinued, owing to failure to obtain work to employ the boys engaged in them. Blanket-weaving was also discontinued. The trades remaining are weaving, tailoring, carpentry, blacksmith's work, and gardening. The question of the proper training to be given to the boys at the Reformatories has engaged the Lieutenant-Governor's attention. The results of the enquiries made as to the occupations followed by the boys after their release, as stated in the next paragraph, show a fair proportion of the boys actually earning a living, but very few, indeed, making use of the training which they received at the Schools. The easte system is a serious impediment in the case of Hindu boys, but more of the Muhammadan boys ought to be found employed in the trades taught to them. It is clear that more endeavour must be made to adapt instruction to the hereditary occupation of the boys, and more systematic efforts to obtain employment for them on their discharge. Only then can it be hoped that the instruction given at the schools will result in equipping a larger proportion of the boys for earning a livelihood in after-life. The pursuit of profit in the Reformatory industries is a most laudable object, but it can be earried too far. The first and essential object is to teach boys their own trade, as a trade they are likely to follow on discharge if they are not incorrigibly idle or vicious. The variety of instruction will cost money, but the money must not be grudged. A separate communication will be addressed to the Inspector-General on this subject. He has already interested himself in finding employment for boys taught weaving at Hazaribagh, and the thanks of the Government are due to Mr. Mehta. C.I.E., proprietor of the Empress of India Mill and a member of the Board of the Alipore Reformatory, for conas a trade they are likely to follow on discharge if they are not incorrigibly senting to give a trial to some of these boys at his mill on their discharge. Five boys have recently availed themselves of the opportunity thus offered to obtain suitable employment.

5. Character and occupation of released boys. -Of 66 boys discharged from the Alipore School in 1897, 41 were reported to be well conducted, 17 could not be traced, 6 were in jail, 1 was looked on as a suspicious character, and 1 had died. Of 72 boys released from the Hazaribagh School, 27 were well conducted, 7 not traceable, and 5 in jail, 5 were viewed with suspicion, 1 had died, 5 had emigrated to other districts, and 22 were not reported on. The failure to obtain information regarding many of the boys released from this institution was noticed last year, and it should not have recurred. The Inspector-General of Jails is requested to draw the Superintendent's special attention to the point, and to insist on complete reports being punctually submitted in future. The employment of the police to make these enquiries will be discontinued. The boys are likely to be less disposed to evade

information as to their residence after release if another agency were employed, and the services of educational inspecting officers and members of village panchayats, as well as of private persons of respectability who may be willing to give their assistance, will be utilised. In the letter from the Home Department, No. 424, dated the 15th September 1898, the Government of India directed that in future annual reports a statement should be furnished showing the industries followed by the boys at present in the schools and by boys after release, contrasting the numbers following agricultural with those following other pursuits. Neither of the school reports gives details as to the number of boys under detention following each of the trades taught. Information on this point is, however, furnished by the Inspector-General of Jails in his forwarding letter. The reports contain a statement showing the occupation of boys after release, but the information regarding those following agriculture is not precise. The head under which the largest number of released boys is shown is that of labourers. A proportion of these is probably engaged in field operations, and in future those so employed should be shown under the head of agriculture. Of the boys discharged in 1897 from both schools (138), only 8 are shown as following the trades taught to them. Of the rest regarding whom information was obtained 63 were in employment of some kind.

6. Manufactures.—The financial results of the manufactures in the schools show a net profit at Alipore of Rs. 9,862-9-6 against Rs 7,098-8-8, and at Hazaribagh of Rs. 9,268-15-2 against Rs. 5,960-0-1, in the previous year. The

profit per head of the number employed was Rs. 54-12-8 against Rs. 42-9 in 1897 at Alipore, and Rs. 35-10-4 against Rs. 25-7-7 at Hazaribagh.

7. Financial.—The total cost of the Alipore Reformatory was Rs. 22,662-15-7, and of the Hazaribagh Reformatory Rs. 22,738-1. The cost per head for each box was Rs. 110-9-5 at the former school and Rs. 72-0-11 at per head for each boy was Rs. 110-9-5 at the former school and Rs. 73-0-11 at the latter, against Rs. 119-5-3 and Rs. 71-5-2 respectively in 1897. The increased cost per head at Hazaribagh was mainly due to a large issue of new clothing to the boys and the heavier incidence per head of establishment charges

on a smaller number of boys.

8. General.—One boy was admitted from Assam during the year. With a view to allow of transfers as a means of maintaining discipline among the guard, orders were issued towards the end of the year sanctioning the amalgamation of the three lowest grades of warders at the Hazaribagh Reformatory with the warder establishment of the Central Jail of that place. The desirability of a similar change at Alipore is under consideration. Sanction was also granted to the renewed entertainment of a Civil Hospital Assistant for the Hazaribagh School. On the reduction of the Hazaribagh Jail from a Central to a District Jail, it was arranged that one of the Civil Hospital Assistants attached to the Jail should also attend on the Reformatory boys, and the appointment of a special medical officer for the school was dispensed with. The increase of work in the Jail, consequent on its reconversion into a Central Jail, necessitated the renewal of the separate appointment for the Reformatory. The number of visits to the Alipore School paid by members of the Board of Management was 39 against 37 in the previous year. At Hazaribagh 10 visits were paid by members of the Committee against 5 in 1897. Captain Maynard succeeded Captain Nott as Superintendent of the Reformatory during the year, and has submitted the report on that institution.

ORDER. - Ordered, that a copy of the Reports and a copy of the Resolution be forwarded to the President of the Board of Management of the Reformatory School at Alipore, for information and for communication to the members of the Board.

Ordered, also, that a copy of the Reports and a copy of the Resolution be forwarded to the Inspector-General of Jails, for information and for communication to the Superintendent of the Hazaribagh Reformatory School. Ordered, also, that the Resolution be published in the Calcutta Gazette.

By order of the Lieutenant-Governor of Bengal,

C. W. BOLTON, Chief Secy. to the Govt. of Bengal.

RESOLUTION ON THE FINAL REPORT OF THE SETTLEMENT OF THE JAIPUR GOVERNMENT ESTATES.

REVENUE DEPARTMENT-LAND REVENUE.

Calcutta, the 10th August 1899.

RESOLUTION-No. 2712.

READ-

The Final Report on the settlement of the Jaipur Government Estates.

Read also-

Letters No. 423A., dated the 9th May 1899, from the Board of Revenue, No. 490S., dated the 14th March 1899, from the Director of Land Records, and No. 1207, dated the 27th October 1898, from the Commissioner of the Rajshahi Division, and a Note by the Collector of Bogra, reviewing the Report of the Settlement Officer.

The Jaipur Government estates, with an aggregate area of 44·1 square miles, are comprised in 153 villages, lying a few in the district of Rajshahi, the rest in that of Bogra. Of some of these villages Government is sole proprietor, in others it has a separate share, and in the remainder it is a joint proprietor. The tract, which is well watered, and has a fertile soil, and a rainfall generally sufficient for purposes of agriculture, appears, from ruins and other evidence, to have been at one time populous and flourishing; but, owing to a change in the course of the rivers, it became malarious and partly depopulated, and dense jungle is still to be found in many places. The construction of the Northern Bengal State Railway, which runs through the estates, the making of new roads, the establishment of new markets, and the general rise in the value of agricultural produce, have brought about a marked change for the better. While formerly settlers had to be attracted by low or nominal rents and advances of money, and were ready to throw up their holdings if the slightest increase in the rent was proposed, there is now an immigration of cultivators from other districts, and a consequent demand for land.

2. The Government estates were originally eight in number, seven of which were purchased by Government at revenue sales, between 1828 and 1837 A.D., for nominal sums, as neither the owners nor any one else would hold the lands at the revenue fixed. They were let out to farmers, who held them up to 1878, when direct management was introduced on the completion of a settlement made for 15 years. The remaining estate escheated to Government in 1882. In 1894 the eight estates were by amalgamation reduced to two, in

order to obviate much unnecessary work.

3. A resettlement under the Bengal Tenancy Act was ordered in January 1893. As the maps of 1878 were imperfect, and as the record-of-rights had not been kept up to date, a fresh survey and record-of-rights was considered necessary. The survey was begun by a professional party in February 1893, and was completed in June 1894. The Settlement Officer first appointed joined on the 9th February 1894, when the cadastral survey with initial record-writing was in progress; but proving incompetent was removed in August following. In November 1894, Babu Sarat Chandra Das, Deputy Collector, was appointed Settlement Officer, and was in charge of the operations till the 17th of June 1896, except for a short interval in the recess of 1895. This officer was another unfortunate selection, for during his long tenure of office he did very little; and much of what he did had to be done over again by his successor, Mr. Sorab S. Day, who was obliged to re-attest 91 of the 121 villages dealt with by his predecessor. The work was not finished till February 1898.

4. In the villages in which the Government lands are mixed up with private estates, attestation was difficult, as neither the tenants nor the agents of the private proprietors had any idea of the estates to which particular plots of land belonged; and it was therefore necessary to make a comparison, plot by plot, between the present maps and records and those of 1878. The subsequent proceedings in these villages also appear to have given much trouble; and it is evidently a desirable conclusion that application be

made for the partition of kismut Saguna, to which the joint tenures are

confined. This should be effected as speedily as possible.

5. Proceedings under section 103 of the Bengal Tenancy Act having been sanctioned by the Board of Revenue, on applications made by the landlords concerned, in respect of the principal private estates whose lands are interlaced with the Government estates, the survey and record-of-rights embraced the whole area of the 153 villages in which the Government lands lie. The area of the whole tract surveyed is 34,558 acres, or about 54 square miles, of which 28,233 acres, or 44·1 square miles, belong to Government, and the remaining 6,325 acres, or 9·9 square miles, to private proprietors. The following table compares the results of the present and the previous survey in respect of the Government estates:—

	7 37 7	Total settled area.	Unsettled area, including waste.	Total area.
		Acres.	Acres.	Acres.
Previous survey		18,343	9,794	28,137
Present "		22,223	6,010	28,233

The apparent increase in the total area of the estates by 96 acres is attributed to the greater accuracy of the present survey made by the plane-table, as compared with the prismatic compass survey of 1878. Statistics as to the cultivated area in 1878 not being available, it is not possible to ascertain exactly the increase in cultivation since the last settlement; but there has been an increase of 3,880 acres, or about 21 per cent., in the settled area, which

approximately represents the increase in cultivation.

6. In the whole area surveyed, the extent under crops was found to be 21,307 acres, of which 7,869 bore two crops in the year. Winter rice occupied 11,007 acres, or 37.7 per cent., of the total of 29,176 acres, and bhadoi or autumn rice 6,366 acres, or 21.8 per cent. Jute was found to be the next most important crop of the tract, occupying, as it did, 4,187 acres, or 14.3 per cent.; but the recent rise in the price of rice and the coincident fall in that of jute has had the effect of bringing under rice much of the land formerly sown with jute. There are over a thousand acres of sugarcane.

7. The following table shows the several classes of tenants in the Government estates, the areas held, and the rents payable by them as now

assessed:-

Class of tenant.	Number of hold- ings.	Aggregate area held by each class.	Average area per holding.	Rent payable according to present settle- ment.	Average rent per acre.
	2	3	4	5	6
 Istimrardars Rent-free holders Settled raiyats paying rents to Government. Non-occupancy raiyats paying directly to Government. 	41 93 4,232 1,467	Acres. 1,022 738 16,168 4,294	Acres. 24-92 7-93 3-82 2-92	Rs. A. P. 547 14 8 50,520 10 3	Rs. A. P. 0 8 6 2 7 6
Total	5,833	22,222*		51,068 8 11	
Settled raiyats under istimrar- dars. Settled raiyats under rent-free tenure-holders. Under-raiyats of raiyats pay- ing rent to Government.	326 441 3,767	566 600 3,611	1·73 1·36 ·96	1,370 0 0 1,050 0 0 13,081 0 0	2 6 9 1 12 0 3 10 0

^{*} The difference of one acre between this and the total settled area is not explained in the final report, but is trifling.

The istimrardars are holders of tenures granted in perpetuity at a fixed rent, some of them before the Permanent Settlement. The rent-free tenures are of three kinds, viz. :-

Brahmottar tenures, or lands granted for the support of Brahmins;
 Pirpal tenures, or lands granted for the performance of rites at the

tombs of pirs or Muhammadan saints;

(3) Niskar tenures, or small plots of land granted by Government to the khas mahal raiyats for the purpose of excavating tanks.

8. Transfers of raiyats' holdings were formerly unknown, as, for reasons briefly explained in paragraph 1, lands were not considered of much value. Owing to the change that has since taken place, cultivators' rights are now valuable; and the custom of transferring them by sale, without seeking the permission of the landlord, has grown up. It is stated that the Manager of the Government estates has avoided the open recognition of this practice by causing the vendor to file a written relinquishment and then settling the holding with the purchaser. In spite of this, however, the Settlement Officer found numerous instances where even this formality had been dispensed with; and he entered Care must be taken to see that the splitting the new tenants in his records. up of holdings is not allowed

9. The number of under-raises holding lands under the Government raises is large, being 3,767. This is stated to result from a practice, prevalent among the raiyats of the Jaipur estates, of holding lands under each other. It is stated that the raiyat-landlords do not stand on ceremony in ousting their under-raiyats, who can acquire no occupancy-rights, as there is no custom in There would, however, appear to be no reason why these underraiyats should not enjoy the measure of protection afforded them by the provisions of the Bengal Tenancy Act; and it is desired that the local officials will endeavour to enforce an observance of the law so far as lies in their power.

10. At the time when the Government estates were let in farm there were very few raiyats, and the farmer found it necessary to settle the lands practically for what he could get, whereby great inequalities resulted in the rents. In 1865 an attempt was made by him to introduce a scale of rates: but the raiyats would not agree, and were prepared to relinquish their holdings; and at last the farmer had to accept whatever they chose to pay. At the settlement of 1878 the attempt was repeated by the Settlement Officer; but the raiyats again refused to pay the new rents, and an addition of from 1 anna to 4 annas in the rupee to the existing rent was made by compromise, the exact increase being a matter of bargain in each case. This arrangement caused greater inequalities of rent than ever. In 1882 Mr. D. J. Macpherson, who had been deputed in connection with the Tenancy Bill to enquire and report on the practicability of framing tables of uniform rates in these estates, found that there was still greater competition among landlords for raiyats than among raiyats for land, and came to the conclusion that any attempt to introduce rates based on soil classification would probably fail.

Under these circumstances it was found, as was indeed to be expected, that each raiyat was paying a specified rent for a specified area of land without reference to the capabilities of the soil, and that the incidence of rent was very unequal. A further development of the country had, however, taken place since the date of Mr. Macpherson's report, and it was decided that an endeavour should again be made to equalise the incidence of the rents. The Settlement Officer describes the principle of the assessment in the words of the Commissioner. He says he was directed to take the more highly-assessed holdings as the standard and then to level up to these the rates of rent of the other holdings. As the description stands, it would certainly be understood that a uniform rate of rent was imposed on all tenants. It is abundantly clear, however, from the Settlement Officer's papers that nothing of the sort was intended, and nothing of the sort was done. What was meant was that, below a certain maximum of existing rent-rate, there should be drawn up a series of lower rates, graduated according to soil or other agricultural advantages. This was in fact suggested by some of the raiyats themselves, who strongly protested against an all-round addition to the existing rents, such as

was made in 1878. The legal basis of enhancement applicable was that of the rise in prices since the former settlement, and this, it appeared from careful enquiries independently made by the Settlement Officer and the Manager of the estates, admitted of an increase of 8 annas in the rupee, or 50 per cent. The lands were classified as follows:-

(1) Bastu or homestead lands which, in accordance with the custom prevailing in the tract, were to be most highly assessed.

(2) Cultivated lands, which were divided into high and low lands, the latter being the better class of the two Each class was subdivided, according to the local practice, into aul (first class), daim (second class), chh im (third class), and chaharam (fourth class). First-class high lands included lands bearing thatching grass or bamboo clumps.

(3) Fallow and waste.

For the purpose of determining the new rates, the several villages were divided into seven groups, each group consisting of villages which showed a similarity in the average of the existing rents paid by the group of raivats paying the highest rents. A separate scale of rates for each group was then worked out, subordinate to this maximum, for the several classes of soil in the group. These rates ranged from two rupees to eight annas per acre in the best groups; from one rupee to four annas in the poorest. The rates so determined were applied to holdings paying the lower rent-rates. If the resulting rent was less than the existing rent of the holding, the latter was taken; but if it was greater than the existing rent, plus an enhancement of 50 per cent., plus a fair rent for any excess area, it was reduced to the total thus obtained. In assessing excess areas, a deduction of 5 per cent. of the entire area of the raiyat's holding was made as a concession to possible errors in the measurement of his lands at the previous survey; and the rate of rent generally imposed on the excess area thus determined was that fixed for second-class low lands as being the average of the scale of rates determined for the group. On this method, the existing rents of 1,335 out of the 5,699 Government raiyats have been retained, and those of 3,691 raiyats enhanced. The remaining 673 raiyats were found in possession of unsettled lands for which fair rents were settled. As many as 5,044, or 88.5 per cent., appeared before the Settlement Officer and accepted the rents assessed. The rents of 655 raiyats were settled ex-parte on their failure to attend. There was no suit under section 106 and no appeal to the Special Judge. The Lieutenant-Governor is pleased to find that suitable rates of rent based on a classification of the soil have at last been introduced in these estates, and that this has been achieved at the instance, and with the

general approval, of the reivats themselves.

11. The total rental of the estates, as finally settled in 1878, was Rs. 38,358, which was found to have increased, owing to the settlement of waste lands, to Rs. 39,872 in 1893-94, when the settlement operations began. The new rental being Rs. 51,068, there has been an increase of Rs. 11,196, or about 28 per cent., over the rental of 1893-94. The increase over the rental fixed in 1878 amounts to Rs. 12,710, or about 33 per cent., out of which 21 per cent. appears to be due to the increase in the settled area since the last settlement, and 12 per cent. to the increase in the rates of rent based on the rise in prices. The collections under the new arrangements have, so far, been very satisfactory, and the Lieutenant-Governor sees no reason to question the opinion that the assessment, if tardily, has been fairly done. Government also derives a fluctuating revenue from ferries, fisheries, tolls at markets, sales of trees, and permits for collecting honey; but the details and total amount

of this income have not been stated in the report.

12. For the whole area dealt with, including private estates (34,558 acres), the cost of the survey amounts to Rs. 12,773-8-3, and that of settlement to Rs. 33,350-11-1, the incidence of cost per acre being-

Survey Rs. A. P. Settlement ... 0 5 11 ... 0 15 5 Total ... 1 5 4

The cost has been excessive owing mainly to the bad work done by Pabu Sarat Chandra Das, whose conduct has been separately dealt with. Out of the total cost of Rs. 46,124-3-4, Rs. 6,728 have been apportioned to the private proprietors.

13. The Lieutenant-Governor confirms the Board's action in fixing the term of the present settlement at 20 years from the 1st April 1898, the date

on which the new rents came into force.

14. The rents are payable in two kists—6 annas in September and 10 annas in March. The Settlement Officer, agreeing with the Manager of the estates, recommends that the two kists should be equal, or 8 annas each. The Lieutenant Governor wishes to be informed of the result of the further enquiry which the Board intend to make in order to ascertain whether the raiyats would agree to such an arrangement, and awaits the Board's recommendations as to the maintenance of the settlement records.

15. The Lieutenant-Governor agrees with the Board in thinking that much credit is due to Mr. Sorab S. Day for the manner in which he has brought the settlement operations to a conclusion; but he is compelled to record his great regret at the absence of supervision in 1894—96, which resulted in so small an undertaking being so grievously delayed. The acknowledgments of Government are also due to the Manager of the estates, Babu Annada Nanda

Sen, for the efficient help given by him throughout the proceedings.

ORDER.—Ordered that this Resolution be published in the Gazette and that a copy of it be forwarded to the Board of Revenue, Lower Provinces.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secretary to the Govt. of Bengal.

RESOLUTION ON THE FINAL REPORT OF THE SETTLEMENT OF CHARS LAKHI AND BADU IN THE DISTRICT OF NOAKHALI.

REVENUE DEPARTMENT-LAND REVENUE.

Calcutta, the 11th August 1899.

RESOLUTION-No. 2716.

READ-

The Final Report on the Settlement of Chars Lakhi and Badu in the district of Noakhali.

Read also-

Letters No. 540A., dated the 8th June 1899, from the Board of Revenue, No. 537S., dated the 20th March 1899, from the Director of the Department of Land Records and Agriculture, and No. 281S., dated the 8th December 1893, from the Collector of Noakhali, reviewing the Report.

In August 1896 orders were passed for the settlement of five Government estates in the district of Noakhali under the provisions of Chapter X of the Bengal Tenancy Act, the survey being made by the professional Survey Department. Three of these estates are small and the final reports relating to them have been disposed of by the Board. For the remaining two, Lakhi and Badu, a single report has been rightly submitted, for they are adjoining alluvial formations of the same character and entirely owned by Government. The Director of Land Records has suggested that for the future the two estates, which have always been similarly treated, should be amalgamated for purposes of settlement and collection of Government revenue; and the Board have called for reports from the Collector and Commissioner. It is desired that the decision of the Board may be communicated to Government.

2. The two estates in question are chars lying off Sandwip, and probably of later formation than that island. They front the sea, and are exposed to the diluviating action of the tides. At the last census the people numbered 3,764, the majority being Muhammadan. In spite of their litigious disposition they are exceedingly prosperous, and the wages of an ordinary labourer are 5 annas a day. To the happiness of the Hindus there are, it appears, some drawbacks; for not only do they lie under the social cloud common to their race in Sandwip, but owing to the calamity of the flood of 1876, which carried off three-fourths of the people, they had to resort to widow-marriage. This has so far lowered their prestige with the people of the mainland, that they now are for all practical purposes excluded from their castes.

The two estates were in the hands of the Salt Department up to 1839, when they were transferred to the Collector. It was not, however, until 1846 that the latter took steps to grant leases, for the purpose of reclamation, free of rent; and seven years later they were again given rent-free to a Mr. Ronald, whose family continued to hold them, at increasing rents, until 1867. They continued in farm until 1872 since which were they have been held bloom.

They continued in farm until 1872, since which year they have been held khas. From the four measurements of 1846, 1865, 1879 and 1897, it appears that Lakhi is diminishing in size somewhat rapidly, whilst Badu is slightly increasing

The present survey and settlement proceedings were commenced in December 1896; Mr. E. F. Berkeley took charge of the survey, and Babu Bhupendra Nath Gupta, Officiating Deputy Collector, was in charge of the settlement. The survey and record-writing were finished by the following hot weather. The settlement operations were completed by September 1898 and the final report was submitted two months later.

3. Since the last settlement which took effect from 1883-84, Char Lakhi has lost 4,167 acres by diluvion, and Char Badu has gained 638 acres by alluvion. The present areas of the two estates are 15,642 and 5,745 acres, respectively,

the area of the two together being 33.42 square miles. The following table gives statistics as to the settled and cultivated areas:-

	AREA ACCORDING TO PRESENT SUEVEY.				CULTIVATED AREA, INCLUDING HOMESTEADS, OR- CHARDS, THATCHING-GRASS LANDS, AND NEW FALLOWS.							
Name of Estate.	Unsettled		area at the disposal of Govern-		Present settlement.	Increase since last settlement.	Percentage of present cultivated area on total area (column 4).					
1	2	3	4	5	6	7	8					
Lakhi Badu	Acres. 14,977 5,093	Acres. 665 652	Acres. 15,642 5,745	1	Acres. 12,852 4,173	1,414 acres, or 12·3 per cent. 351 acres, or 9·1 per cent.	82·1 72·6					
Total	20,070	1,317	21,387	15,260	17,025	1,765 acres, or 11.5 per cent.	79.5					

The percentage of the present cultivated area is very high. The staple

crop is rice.

4. In the present settlement the rights of the inhabitants have been classified according to the nomenclature of the Tenancy Act. The local names howladars, nim-howladars, krishaks, and jotdars are used somewhat loosely, and, in the case of jotdars, with two entirely different meanings. The howladar was the original tenant, who brought the land under cultivation. If his land exceeded 100 bighas, or was mainly cultivated by under-tenants or sub-tenants of long-standing, he was recorded as a tenure-holder; otherwise as a settled raiyat. Similarly, the nim-howladars have been entered as under-tenure-holders or settled raiyats. The krishaks, with the exception of two entered as tenure-holders, have been recorded as settled raiyats. The jotdars are what are elsewhere known as shikmi viz. under-raiyats or korphas, without occupancy rights. They have by local custom no rights whatever in the land, and their tenancy is usually of very short duration. They appear to share, however, in the general prosperity of the islands. The word is also used of six tenants who were originally howladars; and these have been recorded as tenureholders. The statement below shows the number and class of tenants paying direct to Government:-

	Number of tenants.	Area held in acres.	Rent payable according to the present settlement.	Average area of holding in acres.	Average rent per acre.
1	2	3 .	4	5	6
Estate Lakhi.	1	A 100 - A 100 - 10	Rs. A. P.		Rs. A. P.
Tenure-holders	. 342	10,033-17	20,203 0 4	29.33	2 0 2
Settled raiyats	614	4,919.49	9,595 9 6	8.01	1 15 2
Non-occupancy raivats	6	24.57	*49 12 7	4:09	2 0 5
Total	. 962	14,977.23	29,848 6 5	15.56	1 15 10
Char Badu.		76-2			
Tenure-holders	. 144	3,346.21	7,040 15 1	23.23	2 1 8
Raiyat at fixed rate		12.91	26 13 7	12.91	2 1 3
Settled raiyats	007	1,730 26	2,871 6 3	7.62	1 10 6
Occupancy raiyat		3.14	7 7 1	3.14	2 5 11
Total	373	5,092.52	9,946 10 0	13.65	1 15 3
GRAND TOTAL	1,335	20,069.75	39,795 0 5	15.03	1 15 8

5. There are 1,470 under-tenants in Lakhi, and 482 in Badu, who have been classified in accordance with the provisions of the Tenancy Act as follows :-

	Char Lakhi	Char Badu.	TOTAL.
1	2	3	4
Under tenure-holders Settled raiyats Occupancy raiyats Non-occupancy raiyats Rent-free raiyats Under-raiyats Under-raiyats of the 2nd degree Rent-free under-raiyats	35 736 8 419 16 244 5 7	7 268 6 117 8 74	42 1,004 14 536 24 318 5
Total	1,470	482	1,952

The Settlement Officer has not furnished information as to the areas held or the rents paid by the under-tenants. Occupancy rights are freely sold, and it is stated that the landlords never deny the right of an occupancy raiyat to alienate his holding. It is also stated that non-occupancy raiyats and even under-raivats usually transfer their rights.

6. In both Lakhi and Badu the soil consists of a rich loam, with little sand in it, and there is very little difference in the quality of the cultivated

The classification made is as follows:-

Class A-1.—Hasila or cultivated land, new fallow (sanpatit, i.e., left fallow for a year) orchard, homestead, and thatching-grass land.

- " A-2.—Laikabad or virgin soil, jungle, and sonait patit or cultivated land abandoned for more than three years.
- " A-3.-Malangchar or valuable pasture land, unfit for rice.
- A-4.—Degichar or land little better than mud, washed at ordinary tides, but growing nonagach or sal tree in abundance.
 - B.—Nalaik or unculturable, held free of assessment.

The legal ground for enhancing the existing rates of rent was that of the rise in the price of rice. For purposes of comparison the quinquennial periods 1879-1883 and 1892-96 were selected; and it was ascertained that a rupee would purchase 23 seers 2 chitaks in the former period, and 14 seers in the latter; or, in other words, that the maximum enhancement permissible under the t engal Tenancy Act was 7 annas in the rupee. But the only class of tenants whose rents have been generally raised are the howladars, viz, those who have been classed as tenure-holders and those who have been given the status of settled raiyats. These men, or their predecessors in title, as the first settlers, had to contend with many difficulties and to undergo considerable trouble and expense in clearing the jungle and bringing the land under cultivation, and they suffered very severely, both in life and property, from the cyclone and storm-wave of 1876. It was, therefore, decided that, whether classed as tenure-holders or settled raiyats, their rents should not be raised by more than 25 per cent. In accordance with this principle, the rate of rent for hasila lands held by howladars has been raised from 10 annas to 12 annas 6 pies per standard bigha, except for five howladars in Lakhi, who had for a long time been paying rent at a rate of 8 annas a bigha, which has been raised to 10 annas. In each case the rent settled was accepted by the tenant, and there has been not a single appeal against the Settlement Officer's decision.

8. No application was filed for the settlement of fair rents for undertenants, but certain of the landlords represented to the Settlement Officer that the rents paid by some of their tenants were unusually low, and in the case of 42 under-tenants in Lakhi and 10 in Badu, the existing rents were enhanced

with the consent of the parties concerned.

9. The Government revenue now fixed is shown below in comparison with the demand finally fixed at the last settlement, and the existing demand as increased by subsequent settlements of waste lands:—

Revenue fixed				Percentage of increase over-			
NAME OF ESTATE.	of at last New revenue.		Revenue fixed at last settlement. Existing revenue.				
1	2	3	4	5	6		
Lakhi Badu	Rs. A. P. 22,718 9 8 7,506 6 2	Rs. A. P. 24,276 9 8 7,631 12 8	Rs. A. P. 29,848 6 5 9,946 10 0	31·3 32·5	22·9 30·3		
Total	30,224 15 10	31,908 6 4	39,795 0 5	31.6	24.7		

The Settlement Officer states that, owing to the extension of cultivation since the last settlement, the revenue demand could have been raised from that given in column 2 of the above statement to Rs. 26,653-1-11 in Lakhi and to Rs. 8,273-9-11 in Badu, without any enhancement of the rates of rent. Approximately, therefore, Rs. 3,935, or 55 per cent. of the increase of revenue in Lakhi over the demand of the last settlement, and Rs. 767, or 31 per cent. of the increase in Badu, are due to extension of cultivation, and the remainder is due to the enhancement of rates.

10. The present kists for the payment of the rents are considered inconvenient, and, at the instance of the raiyats, the Settlement Officer has recommended that they should be altered as follows:—

Gartena god	Present kis	8.	all of the constant field of the constant of t	Proposed k	ists.
	.1			2	Test of providing the second
May August November February	Total	As. P 0 6 3 6 6 6 5 6 5 6	July October January April	 Total	As P 2 0 4 0 4 0 6 0

The recommendations of the Settlement Officer may be disposed of by the Board on receipt of the further report called for by them.

11. The new settlement came into force in April 1899; and the Settlement Officer recommends that it should run for 20 years. Looking to the moderation in the present enhancement, the Lieutenant-Governor agrees with the Board in thinking that there is no necessity to fix a longer term than 15 years for the present settlement.

12. The total cost of survey and settlement debitable to these estates is Rs. 14,721-10-9, or 11 annas per acre. His Honour agrees with the Board that this is not excessive.

13. The settlement record should, as proposed, be maintained by the khas mahal staff, in accordance with the rules given in Appendix M to the Survey and Settlement Manual, 1895. The Lieutenant-Governor agrees with the Board that the khas tahsil staff and the local Revenue Officers should regularly inspect the permanent boundary marks and take the necessary steps for their maintenance.

14. The Lieutenant-Governor confirms this settlement. It has been made throughout under the rules contained in the revised Survey and Settlement Manual of 1895, and he agrees with the Director of Land Records in thinking that their working, as evidenced here, is satisfactory. The Settlement Officer, Babu Bhupendra Nath Gupta, has carried out the settlement with marked ability. The acknowledgments of Government are also due to Mr. E. F. Berkeley of the Survey of India Department; and the services rendered by the Assistant Settlement Officer, Babu Kailash Chandra Bose, and the settlement staff generally, are commendable.

ORDER.—Ordered, that this Resolution be published in the Calcutta Gazette, and that a copy of it be sent to the Board of Revenue.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,
Offg. Secy. to the Govt. of Bengal.

the figure that the property and the figure of the figure has been and the contract of the con RESOLUTION ON THE REPORT OF THE SANITARY COMMISSIONER, BENGAL, FOR THE YEAR 1898.

the many of the first configurable and properties trade. The manage and the second

MUNICIPAL DEPARTMENT-SANITATION.

Calcutta, the 14th August 1899. RESOLUTION-No. 4123S.

Report of the Sanitary Commissioner, Bengal, for the year 1898.

Read again-

The Report of the Sanitary Commissioner, Bengal, for the year 1897 and the Resolution of Government recorded thereon.

The report, which was due on the 1st May, was received on July 6th. The delay is due to the fact that the Sanitary Commissioner necessarily had to devote almost all his time to the supervision of plague measures. The report was submitted for the first time through the Inspector-General of Civil Hospitals, who has appended to it a valuable note in which he reviews the salient points in the sanitary history of the year, and compares the conclusions drawn from

the figures with those derived from the statistics of hospitals and dispensaries.

2. Birth-rate.—The number of births registered in 1898 was 2,543,701 against 2,625,844 in the previous year; the ratio per mille of population being 35.79 as against 36.94 in 1897 and 35.61, the average of the previous five years. A particular interest attaches to the figures for the year under report, which illustrate the concluding chapter in the history of the recent famine. The decrease in the birth-rate was anticipated by the Sanitary Commissioner in his last report, and is now considered by him to be without doubt due to the low vitality of the people in the preceding year caused by the effects of famine and high prices. He points out that the number of births was everywhere considerably higher during the last five months of the year than during the earlier months, and that this was particularly noticeable in those parts of the

Province which were most severely affected by famine.

While, however, there can be no doubt that the famine did exercise a certain influence in this respect, its effects are nevertheless by no means so clearly marked as would naturally be expected, and the view of the Sanitary Commissioner must be accepted with modifications. If the famine were the sole cause of the reduction in the birth-rate, we should expect to find that there had been a corresponding reduction in the birth-rate of other provinces where famine prevailed, and that in Bengal the reduction was most distinctly marked in the districts most severely affected by the famine. This, however, is not the case. Both in the North-Western Provinces and in the Central Provinces the birth-rate shows an increase, the former having actually risen from 31·10 in 1897 to 37 35 in 1898; and in Bengal, of the 15 districts which were classed as famine districts, six including Saran, Champaran and Muzaffarpur, show an appreciable increase over the previous year's birth-rate. In Saran and Champaran the birth-rate was in advance of the mean of the previous five years, while the birth-rate in the Patna Division as a whole, which last year was the lowest in the Province, now stands above those of Burdwan and Chota Nagpur, and is only fractionally lower than the average. Moreover, reference to the figures of previous years shows that the greater incidence of births in the later months of the year is by no means an absorbed state of this state. of the year is by no means an abnormal state of things. It was pointed out by Government in 1894 that it was due to certain months being considered as lucky or unlucky for the celebration of marriages, and this view was accepted by the Sanitary Commissioner in his report for 1895. It would appear then that the fall in the birth-rate during the year under report is due, as the Inspector-General of Civil Hospitals points out in his note, not solely to the effects of the famine, but in great part to other special causes which can only be fully ascertained by a careful study of the subject extending over a long term of years. Attention, however, must again be drawn to the fact which has on several previous occasions been pointed out, that considerably greater accuracy in registration must be attained before the vital statistics of the Province can be considered as a basis on which definite and satisfactory

conclusions can be founded.

Among individual districts, Murshidabad stands first with 43.59 followed by Tippera (43.40) and Noakhali (42.22). Malda shows a remarkable decline from 47.40 last year to 41.56 this year. Calcutta is, as usual, at the bottom of the list with 13.98; the departure of women from fear of plague having doubtless caused the large decrease since last year. Of rural districts Shahabad stands lowest with 29.79. Among towns, Jangipur has been taken to the head of the list by a rise from 37.67 to 42.82, while Jamalpur in Monghyr is second with

44.05 as against 52.62 last year.

In only 12 rural areas was the recorded birth-rate up to the general estimate for the whole Province of 50 per mille, and of these there were 3 in each of the districts of Mymensingh and Murshidabad. The lowest birth-rate is as usual in Jhalakati. The Government of India having in their review of the report for 1897 repeated an opinion previously expressed that the extraordinarily low rate recorded was due not so much to any special cause as to defective, registration, a careful enquiry was made by the Sanitary Commissioner and the District Magistrate, which disclosed the curious fact that out of a total population of 2,365 of whom 399 are females, only 49 of the latter are married women capable of bearing children. The birth-rate, however, has increased from 2.11 to 8.45 since last year.

3. Death-rate.—The number of deaths registered in 1898 was 1,888,468, giving a ratio of 20.57 per mille as against 2,341,632 and 32.94 in the previous year, and an average for the past 10 years of 2,044,902 and 28.77. The mortality from fever and cholera was particularly low, and the other principal diseases also show a decline. Climatic conditions and an abundant supply of food were no doubt the most important and obvious factors in bringing about

this fortunate state of things.

In towns the death-rate, owing to the general absence of epidemics, fell to the remarkably low figure of 27.50, as against 35.09 last year, and an average for the last five years of 34.15.

No exceptionally high death-rate was recorded anywhere; the only towns which exceed the provincial estimate of 44 per mille being Garulia (52.84)

Malda (49.54) and Serampore (44.72).

Only 14 rural areas as against 60 last year show a death-rate in excess of 44 per mille. In Maskhal and Chakaria the after-effects of the cyclone and storm-wave which devastated Chittagong in 1 97, made themselves felt in the shape of a severe epidemic of cholera, and in Siliguri in Darjeeling the malarial

fever of the Terai claimed even more victims than usual.

4. Death-rate by age and sex.—The death-rate among males in 1898 was 28.75 as against 35.87 in 1897 and 30.87, the average of the preceding 10 years. Among females it was 24.40 as compared with 30.03 and 26.68. The diagram appended to the report again shows that at every stage of life the mortality among males is reported to be slightly higher than that among females. So far as children are concerned, the Inspector-General points out that the experience of India does not differ from that observed in Europe. In his last report, Major Dyson expressed with some confidence the view that the explanation was to be found in the greater difficulty of rearing male children, and the greater extent to which male adults are exposed to accidents and the hardships and vicissitudes of an outdoor life in the fields. As regards children, his previously expressed view holds good; but Major Dyson now admits the difficulty of maintaining the correctness of figures which show that the mortality among women of child-bearing age is less than that among males of the same age; and, while partially admitting the soundness of the explanation that registration in the case of females is more defective than in the case of males, calls attention to the large number of widows of child-bearing age, who are exposed to neither the perils of childbirth nor to the hardships undergone by the male sex. Until, however, the standard of correctness in registration is considerably higher than at present, it will be impossible to give a satisfactory explanation of this and

other difficulties which present themselves in the examination of vital statistics. The following table compares the mortality according to age during the last two years with that of the previous decade:—

gu bang at mula ay eg d gu bang at mula ay eg d	In 18	898.	In 1897.		Average of past ten years 1888—97.	
	Deaths.	Ratio per mille.	Deaths.	Ratio per mille.	Deaths.	Ratio per mille.
1	2	3	4	5	6	7
Under 1 year	441,079 272,169	192·35 34.08	495,648 336,276	216·15 42·11	386,642 - 297,164	168·61 37·21
1 year and under 5 years 5 to 10 years	150,496	14.04	188,060	17:54	165,649	15.45
10 to 16 ,	93,759	11.96	114,479	14.76	95,547	12.32
15 to 20 "	90,947	15.45	114,591	19-47	96,758	16.44
20 to 30 ,,	187,026	16.11	237,537	20.46	206,972	17.83
30 to 40 ,,	168,831	16.72	221,366	21.92	199,753	19.78
10 to 50 ,,	143,034	29.93	189,636	27.76	176,855	25·89 38·37
50 to 60 ,,	127.824	31.44	170,565	41.95	155,991	68.66
60 years and upwards	214,303	55.83	273,474	71.24	263,568	08.00
Total	1,888,468	26.57	2,341,632	32-94	2,044,902	28.77

It is curious that the mortality among Musulmans during the year under report is given as 29.53, as against 25.51 among Hindus. The variation is

unexplained, and is not a normal one.

5. Registration.—The perpetual stumbling-block of defective registration was dealt with by the conviction of 1,935 persons for failure to register and the cautioning of 362 more. The amount of fines imposed was Rs. 3,052. During the year 239,885 births and 151,285 deaths were enquired into by the vaccination staff, with the result that 3,332 births and 1,776 deaths were found not to have been registered at the thanas. If these figures could be regarded as typical, they would indicate that registration is defective to the extent of 13 per mille in the case of deaths and of 11 per mille in the case of births. The accepted normal estimates are 50 per mille for births and 44 per mille for deaths in Bengal. It is probable, however, that the verification itself was not altogether complete. It must be remembered that it is only since 1892 that any real progress in the improvement of registration has been made. In order to verify the estimate as at present accepted, the results of the approaching census must be awaited. When they are known, much that is now hypothesis will be ascertained fact, and will provide a starting point from which more satisfactory deductions can be made than is at present the case. The Inspector-General of Civil Hospitals selects the low mortality registered in Chota Nagpur as a particular instance which throws doubt on the general accuracy of the returns.

6. Principal diseases.—The question of the influence of meteorological conditions on the prevalence of fever and cholera is a perennial subject of discussion. In the present year the mortality from fever has been lower than usual, and that from cholera the lowest ever recorded in the Province. The former of these facts Major Dyson can only ascribe to the general healthiness of the year; the latter he considers to be due to the almost normal rainfall of the

year and the satisfactory agricultural outturn.

The following table shows the mortality from these two causes and the corresponding rainfall in 1898 and each of the five preceding years:—

			Rainfall.	Deaths from fever.	Deaths from cholera.
1893			80.96	1,477,288	126,976
1894	94	•••	68 81	1,799,833	236,150
1895	A STATE OF THE STATE OF	•••	54.42	1,634,254	177,087
1896			51.10	1,760,225	226,824
1897	on Arrest - • • charges	•••	63.53	1,679,132	196,247
1898	•••	•••	68.54	1,419,483	65,020

A glance at these figures will show how difficult it is to establish an immediate connection between meteorological conditions and the prevalence of these two diseases. In 1894, when the rainfall was almost exactly the same as in the year under report, the mortality from each of them was the highest in the quinquennium, and the decrease in fever in 1897, which was noticed in last year's report as being due to the early cessation of the rains in the previous year, has occurred to a still greater extent in 1898, in spite of the abundant rainfall of 1897. It appears impossible to generalise on this subject with the means at our disposal; but much may be expected from Colonel Hendley's proposal to prepare medical histories of each district, which shall combine information as to the character and peculiarities of the country in each particular instance with observations on the varying local influence of meteorological conditions on the public health. The mortality from cholera was highest in Chittagong (7.92), while Puri, where the congregation of pilgrims usually gives rise to a high death-rate, of which an unfortunate instance has occurred during the current

year, was comparatively free from it in 1898.

The high rate of mortality in Chittagong has already been explained.

The Sanitary Commissioner and the Inspector-General of Civil Hospitals have under consideration a plan for working out in full detail the sanitary arrangements necessary to guard against outbreaks of cholera at fairs and assemblages of pilgrims. The Lieutenant-Governor hopes that it will be found possible to put this plan into force at once Inoculation against cholera has been carried on throughout the year at the Purulia cooly depôt; and while no information is available from Assam as to its results, the work is obviously a necessary one, and is reported to have been well and carefully conducted. The seasonal incidence of the disease was highest in Bengal and Orissa during the first five

and the last months of the year, while in Bihar it was highest in April and May. Fever claims, as usual, by far the largest number of victims, though fortunately fewer than last year. It is again pointed out that in the mind of the chaukidar fever includes all diseases except cholera and small-pox, and the Inspector General of Civil Hospitals specially notices the probable inclusion of respiratory affections and parasitic disorders. The character of the country and the habits of the people, however, make a large mortality from malarial fevers unavoidable. In the last report special notice was given to the opinion of the late Civil Surgeon of Faridpur to the effect that the high mortality from fever in that district was due in great part to the practice of steeping jute in all the standing water available. The opinions of other Civil Surgeons have accordingly been invited, and the Sanitary Commissioner agrees with the views expressed by the Civil Surgeons of 10 out of 13 of the districts where the practice obtains, that, though disagreeable, it is not proved to be specially favourable to the development of malaria. In so far, however, as the practice fouls the water supply, it must prejudice the public health, and is probably one of the causes of bowel-complaints.

Of individual districts, the death-rate from fever was highest in Noakhali (35.16), Dinajpur (33.43) and Rajshahi 31.16), all of which show an increase on last year's figures. In each of these districts a high rate of fever mortality is constant, and the only special factor noted by the Civil Surgeons is in Rajshahi, where waves of unhealthiness of the nature of influenza passed over the district in March, August and October.

The mortality was lowest in Puri (5.53), Calcutta (889) and Ranchi

(9.89). It was as usual much lower in urban than in rural areas.

7. Small-pox.—14,269 deaths from this cause, or '20 per mille, were registered during the year under report as against 19,655, or '27 per mille in the previous year. By far the highest mortality (5.82) was in Puri, where the disease is believed to be fostered by the practice of inoculation. This question is engaging the special attention of the Sanitary Commissioner.

8. Dysentery and Diarrhaa.—The deaths from this cause were 37,155—a large falling off from last year and from the average of the last 10 years. The decrease is ascribed to the plentiful harvest and to the lesser incidence of malarial fevers. The highest death-rates were returned from Calcutta (4 51) and

Howrah (4.08).

9. Other causes .- The mortality from other causes, excluding injuries and those already noticed, was 320,081 as against 350,180 in the previous year.

10. Expenditure on Urhan Sanitation .- The following table shows the municipal expenditure on sanitation during the last two years:-

uniquing vental a grave involution to	TOTAL EXP	ENDITURE.	DIFFE	RENCE.
HEADS OF EXPENDITURE.	1897-98.	1896-97.	Increase	Decrease.
e sale drive reactor with the street of the sale of th	2	3	4	5
1. Conservancy, including establishment, road-watering, latrines, &c. 2. Drainage	Rs. 10,58,815 1,13,456 2,62,636 8,883 43,819 3,41,492 20,285 1,02,038	Rs. 9,21,519 1,21,060 5,44,984 11,781 15,957 3,32,653 19,912 66,380	Rs. 1,37,296 27,862 8,839 373 85,658	7,604 2,82,348 2,895
Total Construction and maintenance of roads. Total, including roads	19,51,424 4,19,908 23,71,832	20,34,264 4,36,684 24,70,948		82,840 16,776 99,616

The decrease in expenditure on water-supply is more than accounted for by the reduction of capital expenditure in Howrah and Bhagalpur by Rs. 72,000

and Rs. 244,000 respectively.

The large increase in expenditure on conservancy is due to salutary apprehensions of the advent of plague. 45 75 per cent. of the total income of municipalities was spent on sanitary works, original and recurring. Major Dyson notices with regret that in certain important towns nothing was spent on original sanitary works; but until definite instances of actual deficienspent on original same ary works, but that definite instances of actual deficiency cies and neglect are pointed out, the Lieutenant-Governor hesitates to impute default to any local body simply on the ground of their expenditure sheet under this heading being blank for the year. The principal deficiency noted in all municipalities is the want of pucka drains and of proper levelling of the drains. These defects are universal in the smaller municipalities, and are in their case more or less inevitable owing to want of funds. It may, moreover, be noted that the desirability of having pucka drains everywhere is by no means universally admitted. Special remarks were made on this subject in the last Municipal Resolution. It is satisfactory to note that in almost all cases where defects are mentioned, remedial measures have been adopted. In Dacca, where the most serious defects are pointed out, great progress has been made in improving the conservancy, though much yet remains to be done. The Sanitary Commissioner includes in his report a table showing the comparative death-rate before and after the introduction of drainage and water-supply systems in various towns in Bengal. He, however, admits that the deficiences of registration in the earlier years prevent any useful inference being drawn from the figures-a remark which unfortunately applies, as has already been noticed, to most of the statistical portion of the report.

11. Precautions against plague. The four observation camps at Chausa, Chakradharpore, Mairwa and Khurda Road were in full working order throughout 1898. In the Chausa Camp 636,819 persons were inspected and 24,776 were detained. Among the latter there were 18 deaths, only 5 of which were from plague. The expenditure incurred was Rs. 89,359. At Chakradharpur 57,624 persons were examined and 6,012 detained. There was not a single death in the camp. The cost amounted to Rs. 61,860. At Mairwa the number of persons inspected and detained was 177,501 and 4,757 respectively. There were four deaths during the year, none of them from plague. The cost was Rs. 68,520. At Khurda Road 110,083 persons were examined and 3,478 detained. One death from small-pox occurred in the camp. The expenditure was Rs. 5,063. data to the same same and first are same same

12. Sanitary Board.—The Board were unfortunately unable to hold more than one meeting during the year. They were, however, enabled by circulation of files to undertake the usual consultative work; the most important scheme which came under their consideration being that for the supply of filtered water to the municipalities on the right bank of the Hooghly. Eight alternative projects were prepared by the Sanitary Engineer, the estimated cost varying from 24 to 35 lakhs. These have been separately submitted to Government. The possibility of providing a supply of drinking-water for the Patna Municipality from wells sunk in the old bed of the river Sone has now been fully proved, and the work has been taken in hand.

An important experiment in sewage disposal was inaugurated during the past year by the Sanitary Engineer, who was placed on special duty in England for the purpose of enquiring into the subject.

His proposal to carry out experiments on the septic tank principle has been sanctioned by Government, and is now being carried out. The Lieutenant-Governor will await the results with much interest. The suggestions made last year by the Board with a view to causing experiments to be made locally on the system of filtration through cinders of sullage water and waste liquids have been circulated to all municipalities. From the reports received it appears that little or no attention has been paid to the subject by municipalities, and that no results of any importance have been achieved. It is probable that the suggestions of the Board were found to involve more intrusion on the privacy of houses than municipal authorities were willing to undertake, or individuals to submit to.

Inspections .- Major Dyson was on tour for 162 days during the year. 13. Almost the whole of his time had to be devoted to the organisation and inspection of precautionary measures against plague, and the ordinary sanitary work of the Province has of course suffered from this to a certain extent. Indirectly, however, it may be hoped that compensation will be found in the increased attention on the part of local bodies to sanitation generally, and conservancy in particular, which has been the result of the fear of plague which has over-hung the Province during the year under report. Should it prove to have thoroughly and permanently awakened the local authorities to the supreme importance of an efficient system of sanitation, the plague will have done the people of Bengal a service which will go far to counterbalance the trouble and anxiety which it has caused.

The Lieutenant-Governor desires to thank Major Dyson for the care he has bestowed on sanitary administration generally and in particular for the untiring energy and attention to detail which he has displayed in all matters

relating to the protection of the Province against plague.

By order of the Lieutenant-Governor of Bengal,

E. N. BAKER,

Offg. Secretary to the Govt. of Bengal.

WORKING OF THE FIRE BRIGADE IN THE TOWN AND SUBURBS OF CALCUTTA AND IN THE MUNICIPALITY OF HOWRAH FOR THE YEAR 1898-99.

NOTIFICATION.

No. 4131M.—The 14th August 1899.—The following is published for general information.

E. N. BAKER,

Offg. Secy. to the Govt. of Bengal.

No. 8920, dated Calcutta, the 3rd August 1899.

From—E. M. Showers, Eso., Offg. Commissioner of Police, Calcutta, To—The Secretary to the Government of Bengal, Municipal Department.

I HAVE the honour to submit, in accordance with section 41, Act I of 1893, my report on the working of the Fire Brigade in the Town and Suburbs of Calcutta and in Howrah during the year 1898-99.

of Calcutta and in Howrah during the year 1898-99.

2. There were no alterations in the constitution of the Fire Brigade.

The force stood at the commencement of the year as follows:-

	Lall Bazar.			Julia	Chitpur,		
Superintende	nt		1	Engineer	a la distribuica de la companya della companya della companya de la companya dell		1
Chief Engin	eer		ī	Driver			1
Assistant En			2	Fireman			1
Driver, Euro	pean	300	2	Tindals		•••	2
Do. Nativ			1	Khalassees	洲湖 基 数组址		12
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			3	2,000		1000	
Tindals		•••	18		Total		20
Khalassees		E			Local	•••	20
Syces	Production	0.00	13	all a reconstant substitute.	Dl		
Inspector, ju	te warehouse	•••	1		Bhowanipur.		0
				Tindals		•••	2
				Khalassees	•••	***	12
	Total	•••	42				-
			110000		Total	***	14
	S comparation de	1:07	d values	· 公司的 · 数据自由产生中			
				1	Watgunge.		
	Howrah.			Tindals	100 Billion 1880 F		2
				Khalassees			2 12
Engineer	F4-10-11-11-11-1		1				_
Fireman			ī	The fight of speeds of	Total		14
Tindals			5		er vereierre große g		200
	••		1	P	almer's Bridge.		
Driver	***	•••	18	Tindals			2
Khalassees	19 July 10 10 10 10 10 10 10 10 10 10 10 10 10			Khalassees	All Katholic Inc.	•••	12
Syces	Ser State 1584 Ave. 13	•••	8	Kharassees		••••	12
			-		m.4.1		77
	Total	•••	29		Total	•••	14
			_	1			-

I submit a statement showing the receipts and expenditure on account of the Fire Brigade. The year opened with a balance of Rs. 17,269-5-4. The receipts were Rs. 54,746-4-2, which fell short of the estimate of Rs. 64,112, some of the receipts having been overestimated in the budget estimate. Rupees 7,587-8 represents the amount due, but not paid in by the municipalities during the year. Of this sum Rs. 7,285-8 have since been realized, and Rs. 302 are in course of realization. The total receipts during the year were Rs. 72,015. The expenditure amounted to Rs. 71,125-12-5 against an estimate of Rs. 74,730. The actual balance on the 31st March 1899 was Rs. 889-13-1.

3. During the year under review 38 fires occurred, in which the value

of the property destroyed in each case exceeded Rs. 50.

At 32 of these fires the Brigade were in attendance, and in 5 the mres were extinguished by the local police and the residents of the locality. A fire on a country boat, which occurred off Ghoosery on the river, was extinguished by the Port Commissioners' fire-engine Hooghly.

4. In addition to the 38 serious fires already noted, 71 small fires occurred, 31 in the Town, 36 in the Suburbs of Calcutta, and 4 in Howrah.

The Brigade attended 7 of these fires, the remaining 64 being extinguish-

ed by the residents of the localities.

The average value of the property destroyed at each of these petty fires

was Rs. 9-15-11.

5. The total estimated value of all property destroyed by fire during the year under review amounted to Rs. 4,49,579-15 as against Rs. 3,82,605 in 1897-98.

There were no lives lost during the year.

There were 3 fires in buildings licensed under Act I (B.C.) of 1893 and Act I (B.C.) of 1894, the total estimated value of property destroyed at these fires being two lakks of rupees.

8. Six fires during the year 1898-99 call for special notice:

(a) On the 11th April 1898, the S.S. Otterburn laden with jute cuttings and pressed bales of jute, lying at the Hastings Moorings, caught fire; the origin of the fire is not known. It lasted for 70 hours and 30 minutes. The efforts of the Fire Brigade resulted in saving a quantity of the cargo and in also, by unloading the vessel, preventing the wet bales of jute from starting the plates and rendering the ship a total wreck.

(b) On the 17th March 1899, at Hogulkooria Gully, Burtolla, a large oil mill shed caught fire accidentally. Machinery, mustard-oil and seeds were destroyed. The fire lasted 5 hours and 50 minutes. Greater damage would have been caused and probably loss of life had not the Fire Brigade succeeded in reaching the boiler house and letting off the steam from the

boilers, and thus averting an explosion.

(c) A fire broke out on the early morning of the 29th October 1898 in the "Empress of India" Hydraulic Jute Press, Howrah. Five masonry warehouses containing a large quantity of jute, loose and in bales, were destroyed. The machinery was, however, saved. The fire lasted for 43 hours, and the estimated value of the property destroyed was Rs. 1,60,000.

(d) A fire occurred on the 10th November 1898 in the Ramdyall Cotton Mill, Ghoosery, Howrah. Machinery was damaged and cotton destroyed to the estimated value of Rs. 20,000. The fire lasted

1 hour and 30 minutes.

(e) On the 14th December 1898, at the Guzdar's Hydraulic Jute Press, Ghoosery, Howrah, a large two-storeyed building containing jute was destroyed; estimated value of damage Rs. 20,000. The fire lasted for 13 hours and 30 minutes.

(f) A fire occurred on the 30th December 1898 at the Ganges Jute Mill, Sibpur, Howrah. A large masonry building containing machinery, gunny-bags and waste twine was destroyed. The building was not licensed under the Act, as it was not used for storage of jute or cotton. The fire lasted 6 hours and 50 minutes, estimated value of damage done being Rs. 80,000.

9. During the year two prosecutions were instituted under the Explosives Both cases ended in the conviction of the defendants.

10. A memorandum of the fires that occurred is enclosed.

Memorandum of fires in Town and Suburbs of Calcutta and in Howrah from 1st April 1898 to 31st March 1899.

No.	Date.	Locality with section letter.	Duration of fire.	Approxi- mate value of property destroyed.	Remarks showing nature of damage done, &c.
1	2	3	4	5	6
	1898.	To	wn.	Rs. A.	
1	11th April	Hastings Moorings, 3rd Division,	70 hours and 30	10,000 0	Jute cuttings and pressed bales on board the S.S.
2	19th May	Port Police. 2, Mirzapore Lane, Section K.	minutes. 1 hour and 35 minutes	500 0	Two tiled huts, one cow and household property : not
3	15th August	Town. 30, Baniatolla Lane, Section I,	1 hour and 30 minutes	200 0	A few harmoniums in a pucka godown and a tiled but
•	25th December 1899.	Town. Free School Street, Section M, Town.	1 hour and 10 minutes	300 0	one tiled hut containing a Bhoojawala's shop and property of other tenants; not insured.
5	1st February	On the river Hooghly off Nandi	2 hours and 45 minutes	1,500 0	Two boats laden with rice; not insured.
6	10th ,,	Bari Ghat. On board ship Rhine on the river	4 hours and 30 minutes	2,000 0	Hawser ropes and ship's stores on board the ship Rhine
7	11th ,	On the river Hooghly off Ghoosery	Ditto	10,000 0	A country boat laden with 1,830 drums of jute : not
8	18th	Dhooliapara, off Beadon Street, Section C, Town.	2 hours and 15 minutes	300 0	one tiled hut and some straw; not insured.
9	23rd ,,	Bow Bazar Street, Section J,	4 hours	37,000 0	A large two-storeyed pucks building containing new
. 10	17th March	Town. Hogulcooria gully, Section C, Town	5 hours and 50 minutes	80,000 0	furniture; not insured. A large shed covered and enclosed with corrugated sheet iron, machinery, mustard oil and seeds; not insured.
11	23rd	Chandney Lane, Section J, Town	1 hour and 45 minutes	700 0	Two large tiled huts and portions of windows of two pucka buildings; not insured.
12	26th	Strand Road, Section E, Town	1 hour and 50 minutes	16,000 0	One large tiled godown with many rooms stored with tobacco; insured.
Total 12 fires.		The second secon	Total	1,58,500 0	
	1898.	Subi	urbs.		
1	1st April	Subjec Bagan, Section K, Sub- urbs.	1 hour	100 0	Three golpatta huts; not insured.
2	13th ,,	Bhookoylash Road, Section L, Suburbs.	Do	100 0	One large tiled hut; not insured.
3	25th .,	Alipore Cavalry Lines, Section K, Suburbs.	19 hours and 30 mi- nutes.	800 0	A large stack of hay. An insane man named J. B.
4	8th May	Shibtolla Lane, Section F, Sub- urbs.	45 minutes	60 0	Fawcett set fire to the hay; not insured. One golpatta hut; not insured.
5	14th	Balliaghatta Road, Section F, Suburbs.	1 hour	100 0	One wood godown ; insured.
6	25th ,,	Beg Bagan, Section F, Suburbs	1 hour and 30 minutes	400 0	Ten golpatta and five tiled huts ; not insured.
7	4th December 1899.	Munshi Bazar, Section E, Sub- urbs.	1 hour and 50 minutes	200 0	Tiled huts in a basti; not insured.
8	14th January	Bhookoylash, Section L, Suburbs	30 minutes	500 0	A tiled hut containing curry stuff, &c. insured.
9	21st February	Doogdoogipara, Section G, Sub-	Ditto	50 0	Two golpatta huts; not insured.
10	9th March	Bhowanipore, Section I, Suburbs	1 hour and 55 minutes	700 0	A stock of date tree leaves, straw, and bamboos and
11	17th	Sonai Bazar, Section N, Suburbs	2 hours and 30 minutes	1,500 0	two tiled huts; not insured. Twenty golpatta huts; not insured.
12	17th ,,	Ditto ditto	45 minutes	50 0	Three small golpatta huts; not insured.
13	22nd ,,	Harobash, Section L, Suburbs	1 hour	400 0	One large golpatta hut, three goats, one monkey and a
14	24th	Ditto ditto	Do	200 0	bird; not insured. Ten golpatta huts; not insured.
Total 14			Total	5,160 0	
fires.					
	1898.	How	ran.		
1 2	17th April	Baniapara, Sibpur Peelkhana	7 hours and 50 minutes 25 minutes	500 0 60 0	Five stacks of straw; not insured.
3	16th May 27th August	East Indian Railway Carriage Works.	1 hour and 15 minutes	500 0	One golpatta hut; not insured. Two railway carriages and a small portion of the roof
4	29th October	Old Ghossery Road, Howrab. "Empress of India Jute Press."	43 hours	1,60,000 0	Five pucka warehouses containing a large quantity of
5	10th November	Ghoosery, "Ramdyal Cotton	1 hour and 30 minutes	20,000 0	jute in bales, as well as loose machinery slightly damaged; insured.
6	6th December	Mill." Grand Trunk Road, Howenh	Ditto	1,000 0	Machinery and cotton in the blow room; insured.
7	14th ,,	Guzdar's Press. Ghoosery,	13 hours and 30 mi- nutes.	20,000 0	Fourteen tiled huts and some grain shops; not insured. One large two-storeyed building containing jute; insured.
8	22nd ,,	Hooghly Dock, S.S. Puri	3 hours and 30 minutes		The officers, cabins, engine room, sky-light and a portion of the upper deck of the S.S. Puri were charred; not insured.
9	30th ,,	Ganges Jute Mills, Sibpur	6 hours and 50 minutes	80,000 0	A long pucka building containing gunny-bags, waste twine and machinery. Building and machinery not insured; gunny-bags insured for Rs. 20,000.
10	9th February	Bantra	30 minutes	1,000 0	Four golpatta buts and household property; not
					neured. The buildings were set on fire by Gosto Behari Roy and Giribala Dasi, who were acquitted of incendiarism by the Sessions Judge.
11	15th March	Kasundeb, Sibpur	45 minutes	100 0	insured.
12	16th ,,	Sonapara, Sibpur	1 hour	50 0	Three golpatta huts; not insured.
fires.				2,85,210 0	
18338	•		Total	4,48,870 0	
			Value of property des-	709 15	
			twoward in make a few		
			GRAND TOTAL	4,49,579 15	

Statement showing the actual Receipts and Disbursements of the Fire Brigade Fund for the year ending 31st March 1899.

RECEIPTS.		Budget estimate for 1898-99,		char	Actual charges for 1898-99.		Increase,		Decrease,		REMARKS.
1		2			,	*		4	- 5		6 1 - 2 - 3 m
Balance on 31st March 1898		, A.	P.	Rs. 17,269	A. 5	P. 4		Rs, A. P.	Rs.	A. 1	P.
Rates and fees under Act I (B.C.) of 1893 from Town Corporation. Rates and fees under Act I (B.C.) of 1893 from Cossipore and Chitpur Municipality.				45,532 5,615		(378)			5,615	•	100 marks 100 marks 100 m
Rates and fees under Act I (B.C.) of 1893 from Maniktolla Municipality, Rates and fees under Act I (B.C.) of 1893 from	607	0	0	607	0	0					These outstanding sum have been realised since the close of the year.
Fines under Fire Brigade Act	3,340		0	1,670 129	0	0			1,670	0	0).
Fines under Petroleum Act Fees for letting off fireworks Petroleum fees	70 30 2,000	0	0	62	. 0	0			71 8 30	0	These items were over- estimated for in the
Sale-proceeds of hose, &c. Hire of fire engines Rent of telephone lines	200 600 302	000	0	151 75	12	2 0			1,096 48 525	3 10	budget.
Total	64,112		0	F4 740					302		Is in course of realisation; will be shown in this year's account.
Total	81,381	-	-	72,015	9	-			9,365		0

PAYMENTS.	Budget estimate for 1898-99.	Actual receipts for 1898-99.	Increase.	Decrease.	REMARKS.	
1	2	3	4 1026	"b	6	
Establishment at Lall Bazar.	Rs. A. P.	Rs. A. P.	Bs. A. P.	Re 4 P	1	
1 Superintendent at Rs. 250 Absentee allowance 1 Chief Engineer at Rs. 200—20—300 1 Engineer 1 Ditto 1 Ditto 1 Ditto 1 Diver 1 Native driver 1 Fireman 1 Chief Engineer at Rs. 200—20—300 1 Tindal 2 Do 1 Do 1 Do 1 Do 1 Do 1 Do 1 Do 1 Do 1 Do 1 Do 1 Do 1 Do 1 Do 1 Do 1 Do 1 Syces 8 each 7 Ditto 7 Ditto 7 Ditto 7 Ditto 7 Ditto 7 Ditto 1 Syces 8 2 Do 8 2 Tersonal allowance of 3 findals Allowance to office establishment Salary of 1 Inspector at Rs. 170 Travelling allowance of Inspectors at Rs. 60 Exchange compensation allowance	3,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 3,600 0 0 3,110 0 0 1,482 15 9 1,163 5 4 2,250 0 0 192 0 0 123 0 0 124 0 0 125 0 0 126 0 0 127 0 0 128 0 0 128 13 0	3 0 0 33 0 0 33 0 0 33 0 0 33 0 0 33 0 0 33 0 0 0 33 0 0 0 33 0 0 0 33 0 0 0 33 0 0 0 33 0 0 0 33 0 0 0 33 0	10 0 0 0 7 0 3 46 10 8 24 0 0	The increase is partly a counted for by paymer made to men on shot leave, which was not est mated for, and partly to payment of compensatio for dearness of provision.	
Contingencies. Feed and keep of horses, also shoeing and Veterinary attendance. Stable gear and repair of harness, &c. Lighting Engineer's and Driver's quarters and Fire Brigade stables. Blothing and accourtements for the members of the Fire Brigade. Extra pay of European members of the Fire Brigade at Rs. 5 for each attendance at fire. Lent ent entire the entire the entire enti	3,900 0 0 500 0 0 360 0 0 1,100 0 0 1,500 0 0 1,500 0 0 1,500 0 0 1,500 0 0 1,200 0 0 1,200 0 0 1,000 0 0 1,000 0 0 2,500 0 0 4,706 0 0 2,700 0 0 1,509 0 0 2,509 0 0 0 2,509 0 0 0 0 2,509 0 0 0 0 2,509 0 0 0 2,509 0 0 0 0 2,509 0 0 0 0 2,509 0 0 0 0 2,509 0 0 0 0 2,509 0 0 0 0 2,509 0 0 0 0 2,509 0 0 0 0 2,509 0 0 0 0 2,509 0 0 0 0 0 2,509 0 0 0 0 0 2,509 0 0 0 0 0 2,509 0 0 0 0 0 0 2,509 0 0 0 0 0 0 0 2,509 0 0 0 0 0 0 0 0 2,509 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4,376 9 3 198 10 0 158 0 0 945 4 6 1,305 0 0 1,922 0 0 810 1 7 650 0 0 1,922 0 0 3,016 0 0 1,137 5 9 29 14 0 10,529 4 6 5,045 13 4 2,108 6 6 545 7 0 33,044 8 5	476 9 3 650 0 0 1,816 0 0 137 5 9 (a)8,029 4 6 240 13 4 7 11,359 0 10	720 0 0	(a) Cost of repairing two engines 3,878 15 60 Cost of repairing of a brake 1,325 0 0 Purchase of parts of engineer in charge being qualified to make petty repairs 4,241 6 0	

PAYMENTS.	Budget estimate for 1898-99.	Actual charges for 1898-99.	Increase.	Decrease.	Remarks.
1	2	8	4	5	6
Howrah Establishment.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	ament - 1
1 Engineer	1,800 0 0	1,800 0 0			
2 Tindals at Rs. 10 each	240 0 0 120 0 0	246 0 0 123 0 0	6 0 0 3 0 0	*****	Increase due to payment of
3 Tindals ,, 8 each	288 0 0 672 0 0	297 0 0 693 0 0	9 0 0 21 0 0	•••••	compensation for dearnes of provision to men.
11 Ditto 7	924 0 0 216 0 0	957 0 0 123 0 0	33 0 0	93 0 0	
3 Syces at Rs. 8 each	288 0 0 225 0 0	297 0 0 117 8 0	9 0 0	107 8 0	
Exchange compensation allowance	4,773 0 0	4,653 8 0	81 0 0	200 8 0	+ (3.2)
Contingencies.	100		Bosses Same Co.		
Feed and keep of horses, also shoeing and Veteri-	1,000 0 0	830 14 3		169 1 9	
nary attendance. Stable gear and repair of harness	50 0 0	105 10 0	55 10 0	100 mg (1-1	
Rewards to informers, giving notice of fires ;	900 0 0	57 0 0	San Impara	50 0 0 843 0 0	
Repairs of engines and brake-vans	59 0 0			50 0 0	
Purchase of horses	600 0 0 300 0 0	•••••		600 0 0 300 0 0	
Harness for do	700 0 0 400 0 0	21 5 6		700 0 0 378 10 6	
Conl, wood and engine stores	1,000 0 0			1,000 0 0	
Clothing	100 0 0 152 0 0	151 3 0		0 13 0	
Miscellaneous Lighting	150 0 0	101 13 0		48 3 0	
	5,452 0 0	1 267 13 9	55 10 0	4,239 12 3	
Bhowanipore.		47-47-12 (1986)			
2 Tindals at Rs. 10 each	240 0 0 288 0 0	246 0 0 297 0 0	6 0 0		Increase due to payment e
3 Khalassees , 8 ,	288 0 0 756 v 0	783 0 0	27 0 0		of provision.
	1,294 0 0	1,326 0 0	42 0 0	ent.	
Watgunge.					
2 Tindals at Rs. 10 each	240 0 0 96 0 0	246 0 0 99 0 0	6 0 0		Ditto ditto.
1 Khalassee ,, 8 ,,	924 0 0	957 0 0	33 0 0	*****	Dicto divio.
	1,260 0 0	1,302 0 0	42 0 0	mac	
Palmer's Bridge.	St. Artista	Art to strain of t		ALISTON OF L	SAFERS OF THE PROPERTY.
2 Tindals at Rs. 10 each	240 0 0 192 0 0	246 0 0 198 0 0	6 0 0		Ditto ditto.
2 Khalassees , 8 ,	840 0 0	870 0 0	30 0 0		Ditto ditto.
	1,272 0 0	1,314 0 0	42 0 0		
Chitpore Establishment.					
Engineer at Rs. 10 each	1,800 0 0 240 0 0	1,800 0 0 239 8 9		0 7 3	
l Fireman ,, 10	120 0 0 480 0 0	123 0 0 495 0 0	3 0 0 15 0 0) Increase due to payment o
Khalassees ,, 8 each 7 Ditto ,, 7 ,,	588 0 0 288 0 0	609 0 0 297 0 0	21 0 0	******	provi ion,
Syces Engine-driver at-Rs. 18	216 0 0	192 0 0		24 0 0	
Company of the second second	3,732 0 0	3,755 8 9	48 0 0	24 7 3	
Continue of the Continue of th			6,2%		
Contingencies. Feed and keep of horses, also shoeing and Veteri-	1,000 Q 0	928 7 0	The art 2 has	71 9 0	
nary attendance.	50 0 0			50 0 0	
Stable gear and repairs of harness	800 0 0 1,000 0 0	178 0 0		622 0 0 1,000 0 0	
Purchase of hose	600 0 0	1 4 0		600 0 0 298 12 0	
Harness for do	300 0 0 400 0 0	118 11 6		281 4 6 100 0 0	
Clothing	100 0 0 500 0 0			500 0 0	
Miscellaneous	200 0 0	63 2 0 156 0 0	150 0 0	136 14 0	
	4,950 0 0	1,445 8 6	156 0 0	3,660 7 6	
	360 0 0	390 0 0	30 0 0		
Cravelling allowance for inspecting petroleum depots.	118 0 0	118 0 0			4
Audit fees Establishment for collecting the rates and fees					
payable under Act I (B.C.) of 1893. Town Municipality	1,500 0 0	1,500 0 0			
Cossipore and Chitpore Municipality Howrah Municipality	700 0 0 250 0 0	700 0 0 250 0 0		******	
Manicktollah Municipality	50 0 0 300 0 0	480 0 0	180 0 0	50 0 0	
Fees for inspection of boilers		90 0 0	90 0 0		
	3,278 0 0	3,528 0 0	300 0 0	50 0 0	
Total	74,730 0 0	71,125 12 5	12,677 10 10	16,281 14 5	
Balance on 31st March 1899	10,000 0 0	889 13 1		9,110 2 11	
	84,730 0 0	. 72,015 9 6 1	12,677 10 10	25,392 1 4	

CALCUTTA,
The 3rd July 1899.

E. M. SHOWERS, Offg. Commissioner of Police.

WEATHER AND CROP REPORT.

For the week ending the 14th August 1899.

Burdwan.—Rainfall at Sadar 2.24, Kalna 1.50, Katwa 1.51, Raniganj .71. Weather seasonable. Transplantation of aman paddy nearly over. Standing crops doing well. Fodder and water sufficient. Cattle-disease in Katwa slightly decreased. Common rice selling as follows:—

				ors.	
Sadar	•••			18	per rupee.
Kalna	***	•••	•••	$15\frac{1}{2}$	1
Katwa	•••			16	per rupee.
Raniganj	•••		•••	154)

Birbhum.—Rainfall at Sadar '35, Rampur Hât '78. Weather hot. Rain wanted. Transplantation of paddy completed. Price of common rice at Sadar 15 seers and at Rampur Hât 16 seers per rupee. Fodder and water sufficient.

Bankura.—Rainfall at Bankura 2.78, Vishnupur 3.76. Weather very hot with occasional showers. Transplantation of rice still continues. Sugarcane growing. Fodder and water sufficient. No cattle-disease reported. Rice selling at Bankura 17\frac{3}{4} seers and at Vishnupur 17\frac{5}{8} seers per rupee.

Midnapore.—Rainfall at Sadar 1.39, Tamluk 5.09, Ghatal 5.71. Prospects of sugarcane, jute, flax and aus paddy favourable. Inundations have subsided. Transplantation of winter paddy going on briskly. Grass-hoppers reported from three localities and cattle-disease from Salboni. Common rice sells as follows:—

				Srs.	CH.	
Sadar			***	16	0	per rupee.
Contai				16	0	
Tamluk	40,000	•••		14	31	per rupee.
Ghatal	•••		***	17	0	

Hooghly.—Rainfall at Sadar 1·12, Serampore 1·12, Jahanabad 2·37. Transplantation continues. Some damage has been done to jute and aus. Common rice sells at 14 seers 6 chitaks per rupee.

Howrah.—Rainfall at Sadar 1.28, Ulubaria 2.09. Weather hot and cloudy with occasional showers. Flood-water in the *jheels* is being drained and transplantation of aman going on. Prospects hopeful, but for some little time the less rain there is the better. Common rice sells at 14 seers per rupee. Fodder and water sufficient.

24-Parganas.—Rainfall at Sadar 1.25, Barasat .87, Basirhat .14, Diamond Harbour 2.89. Weather hot and cloudy with occasional rain. Prospects of standing crops not favourable owing to excessive rain Transplantation of aman going on briskly on high lands and on the lands whence the water has subsided. The excessive rainfall destroyed the paddy seedlings and stopped transplantation on low lands. The drainage in the Diamond Harbour and Basirhat subdivisions is defective. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

A CONTRACTOR OF THE PARTY OF TH			Srs.	
Sadar	•••	121	to 16	1
Barasat	•••	 •••		
Basirhat	•••	***	15 17	per rupee.
Diamond Harbot	ır	d. •••	131)

Nadia.—Rainfall at Sadar 32, Kushtia 3:16, Meherpur 2:40, Chuadanga 1:38, Ranaghat 1:19. Weather cloudy and rainy. Transplantation of aman continues. Harvesting of aus and steeping of jute commenced. River water subsiding. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar		***		15	1
Kushtia		•••	:	17	
Meherpur Chuadanga		***		141	per rupee.
Ranaghat	v 11 11 11 11 11 11 11 11 11 11 11 11 11	•••	•••	15	1
теснавнае		***	***	14	1

Murshidabad.—Rainfall at Sadar 2.79, Kandi 1.10, Jangipur 1.04 Weather hot. Harvesting of bhadoi still going on. Transplantation of aman nearly finished. Indigo is being cut. Prospects of mulberry and jute good. Crops in some places have suffered much on account of floods. Water and fodder sufficient. No cattle disease reported. Common rice sells as follows:—

				ors.	
Sadar	***			14)
Kandi Jangipur		•••	•••	16	} per rupee.
Jangipur	•••			15	1

Jessore.—Rainfall at Sadar 2.07, Jhenida 11, Magura 1.26, Narail 2.10, Bangaon 1.76. Weather cloudy and rainy at intervals. Harvesting of aus paddy going on. Prospects of crops tolerably good. Rivers are rising. Insects are gradually disappearing. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

			10 A 10 A	DID.	
Sadar	•••	•••		16	
Jhenida	•••	•••		16	The state of the s
Magura		•••	***	183	per rupee.
Narail	•••	•••	•••	15	Land of the Land
Bangaon		•••	***	17	

Khulna.—Rainfall at Sadar '74, Bagirhat '93, Satkhira '57. Weather hot with occasional rain. Transplantation of aman going on. Insects still damaging paddy in some parts. Fodder and water sufficient. Cattle-disease reported from Baitaghatta and Rampal. Common rice sells as follows:—

				Srs.	ma trading a looking
Sadar		•••		17	per rupee.
Bagirhat Satkhira	•••		•••	17	per rupee.
Satkhira				15)-

Rajshahi.—Rainfall at Sadar 2.21, Nator 1.42, Naugaon 2.12. Flood subsided. Prospects of crops fair. Steeping of jute commenced. Transplantation of aman in full swing. No cattle-disease. Fodder and water available. Common rice sells at 17 seers per rupee.

Dinajpur.—Average rainfall 3·29. Weather seasonable. Transplantation of haimanti paddy and steeping of jute progressing. Cattle-disease reported from some thanas. Fodder and drinking-water plentiful. Common rice selling at 17 seers per rupee.

Jalpaiguri.—Rainfall at Sadar 4.01, Alipur Duars 12.07. Weather hot and rainy. Transplantation of haimanti paddy and harvesting of bhadoi paddy still going on. Prospects favourable. Jute is being cut and steeped. Fodder and water ample. Common rice sells at 14 seers per rupee.

Darjeeling.—Rainfall at Darjeeling 5.59, Kalimpong 4.61, Siliguri 7.80. Weather seasonable. *Hills—Kalai* and *phaphar* being sown; *Bhutta*, *chota marua*, *bora marua*, *bhadoi* and *haimanti* paddy doing well. *Terai*—Transplanting of *haimanti* paddy going on; *jamira* paddy being reaped; jute, *bhadoi*, and sugarcane doing well. Coarse rice sells as follows:—

```
Hills ... ... ... ... 10 } per rupee.
```

Bhutta sells at Darjeeling 25 seers and at Kalimpong 40 seers per rupee.

Rangpur.—Rainfall at Sadar 1.22, Gaibanda 3.43, Nilphamari 2.68, Kurigram 3.57. Weather seasonable. Transplantation of winter rice and steeping of jute in progress. Prospects good. Common rice selling at 17 seers 6 chitaks per rupee. Fodder and water sufficient.

Bogra.—Average rainfall 2:56. Cutting of aus and jute and transplanting of aman continuing. Prospects good. Fodder and water ample. Common rice selling at 17½ seers per rupee.

Pabna.—Rainfall at Sadar 1·17, Sirajganj 2·92. Weather hot and rainy. Prospects of crops good. Aus being harvested. Common rice 16 seers 2 chitaks per rupee.

Dacca.—Rainfall at Sadar 1.98, Manikganj 1.03, Munshiganj 1.58. Weather seasonable. Prospects of standing crops good. Fodder available. No cattle-disease. Common rice 17 seers per rupee.

Mymensingh.—Rainfall at Sadar 4·14, Jamalpur 1·55, Netrokona 5·04, Kishorganj 1·30, Tangail 2·34. Continual showers. Rice doing well. Jute suffering from want of sunshine. Condition of cattle good. Fodder and water ample. Common rice selling at 20 seers per rupee.

Faridpur.—Rainfall at Sadar '54, Goalundo '99, Madaripur '22. Weather seasonable. State and prospects of paddy generally good. Common rice sells at 17 seers per rupee.

Backergunge.—Rainfall at Sadar 1.74. Weather seasonable. Prospects of crops fair, but pamari insects in places. Aus is being reaped. Transplantation of aman has begun. Common rice sells at 16 seers (aman) and 18 seers (aus) per rupee.

Tippera.—Rainfall at Sadar 6:10, Brahmanbaria :75, Chandpur 1:20. Ordinary monsoon weather. Jute and aus paddy being cut. Aman doing well. Common rice 20 seers per rupee.

Noakhali.—Rainfall at Sadar 8.97, Feni 4.45. Crop prospects fair. Transplantation of aman and harvesting of aus continue. No cattle-disease. Fodder and water sufficient. Price of common rice—aman 16 seers and aus 19 seers per rupee.

Chittagong.—Rainfall 2.82. Weather seasonable. Aus being reaped. Aman being cultivated. Prospects good. Common rice 15 seers per rupee. Water and fodder sufficient.

Patna.—Rainfall at Sadar '25, Barh '14, Dinapore '21, Bihar '15, Hilsa nil, Bikram nil. Weeding of Indian-corn and other bhadoi crops going on in some places. Transplantation of paddy in progress. Condition of cattle good. Green fodder and water for cattle plentiful. Common rice in Patna sells at 14 seers per rupee.

Gaya.—Rainfall at Sadar '36, Jahanabad '03, Aurangabad 1.53, Nawada '81. Transplantation of paddy continues. Prospect of bhadoi bad. Common rice selling at 12 seers per rupee.

Shahabad.—Rainfall at Sadar '01, Buxar '07, Bhabua '55, Sasaram '72. Transplantation of paddy going on. Bhadoi wherever saved from effects of excessive rain is doing well. Cattle-disease reported from Buxar, Dumraon, and Nawanagar thanas. Twenty-four cases of cattle-disease reported from Sasaram. Fodder and water abundant.

Saran.—Rainfall at Sadar '36, Siwan '44, Gopalganj 2'82. Weather sultry. Transplantation of paddy in full swing. Prospects of bhadoi somewhat better. Average prices—Common rice 13'9 seers and makai 20'1 seer per rupee.

Champaran.—Rainfall at Motihari 1.08, Bettiah 82, Barharwa 97, Bagaha 1.33, Ramnagar 86. Prospect of bhadoi slightly improved by fine weather. Transplantation of aghani paddy still going on with good prospects. Common rice 13 and maize 22 seers per rupee.

Muzaffarpur.—Paddy being transplanted. Prices are—Common rice 12 seers, wheat 15 seers, barley 19 seers, makai 17 seers, gram 18 seers, and rahar 20 seers per rupee.

Darbhanga.—Rainfall at Sadar 2.64, Samastipur 18, Madhubani 2.57. Weather hot and sultry with occasional showers of rain. Transplantation of paddy is still in progress. Weeding of bhadoi crops going on. Makai and marua have been considerably damaged. Prospects of rice are good. Fodder and water sufficient. No cattle-disease. Common rice selling at Sadar 11½ seers per rupee.

Monghyr.—Rainfall at Monghyr 1.71, Begusarai .77, Jamui .57. Weather hot and cloudy with occasional showers. Transplantation of winter rice going on. Janera is being resown in some places. Bhadoi in several tracts ruined. Prices of food-grains rising. Common rice sells at Monghyr 11 and Jamui 10 seers per rupee.

Bhagalpur.—Weather sultry and overcast. Rainfall at Sadar '88, Madhipura 2.40, Supaul 4.58. Bhadoi crops seriously damaged already. The rain, however, is proving beneficial to the aghani seedlings. Transplantation still going on. Fodder plentiful. Prices continue to rise.

Purnea.—Rainfall at Sadar 5.51, Kishanganj 3.15, Araria 5.65. Weather seasonable. Harvesting of bhadoi paddy and jute progressing. Transplantation of aghani continues. Standing crops doing well. Agricultural prospects good. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar			•••	15	per rupee.
Kishanganj Araria	•••	•••	•••	15	per rupee.
Araria	•••	•••		16	1

Malda.—Rainfall at Sadar '66, Chanchal 1.22, Shibganj 1.46, Gajol 1.75. Weather het and cloudy. Harvesting of bhadoi rice going on. Transplanting of winter paddy continues. Prospects favourable. Coarse rice sells at 16 seers per rupee. Fodder and water abundant.

Sonthal Parganas.—Weather hot and cloudy. Prospects of paddy good. Makai prospects poor. Some cattle-disease. Average price of common rice 13 seers 10 chitaks and of Indian-corn 18 seers 12 chitaks per rupee.

Cuttack.—Rainfall at Sadar 1:17, Jajpur 2:3, Kendrapara 1:79, Banki 1:81. False Point 1:01 Weather hot and seasonable. Sarad, jute, haldia, cotton and sugarcane are growing. Beali in ear and being damaged by insects in places. Condition of cattle generally good. Fodder and water sufficient. Common rice sells as follows:—

				D.	en.	
Cuttack				15	12	1
Jajpur	***		***	17	1	
Jajpur Kendrapara	•••			19	11	per rupee.
Banki		•••	•••	17	15)

Balasore.—Rainfall at Sadar 4.43. Sugarcane thriving well. Transplanting and weeding of sarad going on. Aus crop in ear. Rice sells at 18 seers per rupee in the interior, and at 17 seers at Balasore and Bhadrak. Fodder and water sufficient.

Angul.—Rainfall at Angul '67, Bisipara '37. Puddling and transplantation of paddy and mandia suspended in many places for want of sufficient rain. Those transplanted are withering in both subdivisions. Early bhadoi crops being damaged in Angul, Common rice sells at 27 seers per rupee in Angul and 12 seers in Khondmals. Great anxiety for rain prevails.

Puri.—Rainfall at Sadar '75, Khurda '96. Insufficiency of rain badly felt. Beali already damaged to some extent, especially in the Sadar subdivision. Puddling and weeding of sarad delayed for want of water. Condition of sugarcane, mandia, and other miscellaneous crops good. Fodder sufficient. Cattle-disease continues in places. Price of common rice stationary.

Hazaribagh.—Rainfall at Sadar 1.24, Giridih .46. Weather cloudy. Rain wanted for transplantation in some thanas. Common rice sells at 13 seers per rupee.

Ranchi.—Rainfall 1.34. Weather cloudy. More rain wanted in places. Transplantation retarded in consequence. Rice sells at Ranchi 15 seers per rupee and in the interior Fodder and water sufficient.

Palaman.—Rainfall '53. Weather seasonable. Prospects of crops generally good. No cattle-disease. Rice selling at 15 seers per rupee.

Manbhum.—Rainfall at Sadar '67, Gobindpur '47. Weather hot. Prospects of crops generally good. Cattle-disease reported from thanas Tundi, Nirsha, Gobindpur, and Chas. Fodder and water sufficient. Average price of common rice at Sadar 16 seers 11 chitaks and at Gobindpur 15 seers per rupee. Supply sufficient.

Singhbhum.—Rainfall 140. Rainfall very unequally distributed. More rain is wanted. Common rice sells at 17 seers per rupee.

General Summary.—There was rain in every district during the week, though the amounts were generally moderate. The rice crop throughout the Province is doing well, the only unfavourable report of any importance coming from the 24-Parganas. The bhadoi crop has obtained some slight relief by the diminution in the rainfall, but it is to be feared that there is no chance of a good outturn. The other crops, jute and sugarcane especially, appear to be doing well. More rain is needed in Orissa and one or two districts in Chota Nagpur. Prices show a tendency to rise. There is still a little cattle-disease.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secretary to the Govt. of Bengal.

REVENUE DEPARTMENT, The 15th August 1899.

Results of the Meteorological Observations taken at the Alipore Observatory from 6th to 12th August 1899.

			rs of	barometer		ТЕМРЕ	RATUR	E.		Hygro	METRY.		WIND.		1	
Month.	Date.	Maximum in sun.	Number of hours bright sunshine,	Mean pressure barat 32° Fahr.	Mean.	Max:mum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	New point.	Humidity.	Prevailing direction.	Miles recorded,	Rain.	WEATHER.
1879				Inches.		0			n	Inches		1%			Total	1
Aug.	6th	148 2	3.4	29.546	85-9	94.3	17:8	76.5	81.8	1.033	80.2	84	WNW Calm and variable.	48	Inches.	Chiefly cloudy,
"	7th	148-4	8.2	•530	86.7	93-1	14.9	78.2	81.1	0.988	78•9	78	NNW and calm	59	0.02	Day partial cloudy, nigh
"	8th	142:3	2.9	•509	86.7	91.6	9.8	81.8	81.7	1.019	79.8	81	NNW and N	85	0.08	Chiefly cloud
"	9th	149.6	4.0	•492	86•3	93.3	12-1	81 2	82.8	1.078	81.5	86	SSE and calm	33	0.12	Chiefly cloudy, o
"	10th	140.4	3.1	.522	84.5	88*5	8.3	80.2	80.8	1.004	79-3	85	ESE and SE by S	147	0.20	Chiefly cloudy, o
"	11th	150-4	2.6	-555	84.3	89•2	10.0	79-2	81.0	1.018	79.8	86	ESE and SSE	94	0.17	Chiefly cloudy, o
0.00	12th	108.9	Nil	-585	82.1	83.9	48	79 1	79 9	0.993	70.0	00	St-D agan			
"	*	or other of		1					188	0.993	79.0	90	S by E and SSE	43	0.69	Cloudy, o, d, p.
The The	e ave	rage ffice l num	ssure pressi	of the	seven the	days	pond	ing p	eriod	for			Surveyor-Gene	eral's	2	nches, 9·534 9·587 Hours, 24·2
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The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the rain-gauge is one foot above the ground.

o, overcast; p, passing temporary showers; t, thunder; lr, lightning reflection, d; drizzling rain.

METEOROLOGICAL OFFICE, GOVT. OF INDIA, Calcutta, the 14th August 1899.

G. W. KUCHLER, For Meteorological Reporter to the Gort, of India.

Meteorological Report of the Province

									-				STAT	HON (ORSE	RVAT	ions.		
								AIR	PRESST	TRE.		Wı	ND.			TRMP	BRATUR		
Divis	ion.	Dray	DISTRICT. Re			Representative stations.		Lowest 8 A.M., narometer read- ing.	Mean, 8 A.W., reduced to 32°.	Mean reduced to sea-level and constant gra- vity, Lat. 45°.	Variation from normal mean.	Mean direction at 8 A.M.	Mean velocity in miles daily.	Highest of month,	Lowest of month.	Meandaily maximum temperature.	Mean daily mini- mum tempera- ture.	Mean daily tem- perature.	T
	6	Burdwan		{	Burdwan Raniganj		29.687	29:337	29-479	29°524 29°514	011	S85°W S72°W	57 42	96°9 94°2	73.8	89.6	78.9	84'3	36
		Birbhum																	
Burdwa	n	Bankura			Bankura	-	29.445	29.119	29.249	29*496	-	w	28	95.1	76.6	89.4	78.2	83'8	1
		Midnapore		•••	Midnapore		29.619	29:327	29.436	29.231	003	S1°W	75	95'3	74.1	89.7	78.2	84.0	1
		Hooghly		•															1
	,	Howrah				a	29.765	29.430	29.570	29.539	+*005	847°W	397	09:0	75.1	0740	OALE		1
		24-Parganas	***		0.1	a	29.765	29 394	29.264	29.531	- 007	S42°W	102	92.0	75.7	87.2	80.5	83.9	1
		Calcutta Nadía			Krishnagar		29*748	29:379	29.535	29.530	_	S1°E	91	93'3	72.2	89.0	78.4	83.5	I
Presider	юу	Murshidabad			D	iks.	29.720	29.358	29.204	29.519	025	SII°W	49	93.2	74.8	88.0	78.9	83.2	1
		Jessore			Jessore		29.774	29:394	29.556	29.535	020	S7°E	80	93.0	73.2	88.6	78.9	83'7	1
	į	Khulna			••••														1
	í	Rajshahi	•••		Rampur Boa	lia	29.717	29.362	29.503	29.522	020	S29°E	113	92.1	73.1	87.7	78'6	83*2	1
		Dinajpur			Dinajpur		29.684	29.357	29.469	29.246	014	S79°E	87	94.3	74.7	88°2 (g) 88°6	78·4 (g) 77·7	83·3 (g)	
		Jalpaiguri	•••		Jalpaiguri Darjeeling		29*530	29*187	22.896	29.558	+.019	S85°E S81°E	72 83	73.2	75.1	12.3.5	500000000	(g) 83:2	1
Rajshah	i	Darjeeling Cooch Behar			Cooch Behar		29.665	29.324	29.451	29.562	_	865°E	50	93.4	76.1	88'4	58·1 78·8	61.9	1
		Rangpur			Rangpur	•••	29.684	29'345	29.470	29.547	018	873°E	60	97'2	747	88.7	78:8	83*5	4
		Bogra			Bogra		29.739	29:399	29.522	29.535	-	-	-	93.2	73.2	87.5	78.3	82.0	1
	l	Pabna			Sirajganj		29.753	29.401	29.532	29.531	034	\$12°E	64	92.3	71.7	86.8	78.3	82.5	1
	1	Daeca			Narayanganj		29*807	29.428	29.576	29.550	026	825°E	200	91.1	75.2	87 3	78.9	83-1	1
Dacca	}	Mymensingh	***		Mymensingh		29.765	29.442	29.555	29.566	019	S60°E	11	93.2	72.1	86.2	77.2	81.8	1
		Faridpur		•••	Faridpur		29*774	29.362	29.558	29.552	031	S20°E	37	91.8	73.9	87.6	78.4	83.0	1
	,	Backergunge	•••		Barisal		29.811	29.426	29.591	29.549	-013	S16°E	54	91.3	75.1	87.6	78.7	837	4
		Tippera			Comilla Noakhali	•••	29.788	29'434	29 583	29'567		S28°E	171	90.4	75.8	88'1	77.1	82.6	1
Chittago	ong	Noakhali Chittagong			Chittagong		29.762	29:391	29.537	29.572	045	839°E	225	89.7	74.1	86'1	76.1	80.8	1
	l	Chittagong H															70.0	00 8	١
	(Patna	•••		Bankipore	•••	29.559	29.284	29.373	29.507	-·024 -·012	\$39°W \$81°W	109	93.0	74.7	86.0	78.2	82.1	١
		Gaya	***		Gaya Dehri	***	29.378	29.116	(f) 29.208	(f) 29'513	008	866°W	140 (f)* 160	94.9	72.8	88'0 (f) 85'2	76:8 (f) 77:2	82.4 (f) 81.2	1
	1	Shababad		{	Buxar		29.487	29*200	29.304	29.497	017	S76°W	180	91.0	72'1	85.4	77.2	81.3	I
				į	Arrah		29.540	29:261	29.355	29*497	-	N88°W	49	93.8	74.0	86.2	77.5	82.0	l
Patna		Saran	***		Chapra		29*567	29.275	29.373	29.506	-	N57 W	76	93.8	74.6	87.3	78'4	82'9	١
		Champaran			Motihari		29.534	29*249	29*347	29.527	-	E	122	93.0	74.9	87.7	77.6	82.7	I
		Muzaffarpur	•••		Muzaffarpur		29.581	29*284	29°376	29·507	-	S53°E	(a) 44	92.2	75.2	86·8	(a) 78.4	(a) 82.6	1
	ĺ	Darbhanga	•••		Darbhanga	•••	29.594	29'295	29.397	29.516	022	877°E	55	91.3	76.5	87:3	79.5	83.4	
	(Monghyr			Whomelman		901600	901900	9040	201110		0							1
Bhagalp	ur.	Bhagalpur Purnea			Bhagalpur Purnea		29.603	29*298	29.394	29*506 29*523	-·008 -·022	N81°E	92	92.2	75.1	87.4 (a) 88.0	78·5 (d) 79·2	82·9 (i) 84·9	1
Park		Malda			Malda		29.711	29.372	29.492	29.229	- 022	N81°E	58	95.1	75·2 72·0	88.0	79.2		1
	1	Sonthal Parge			Naya Dumks	2388	29.241	28'945	29.072	29.516	012	S63°W	28	91.0	71.3	87'1	76.7	83.9	1
				(Cuttack		29.701	29.427	29'541	29.563	+.020	S74°W	69	95.4	74.7	90.3	78.3	84.3	I
	1	Cuttack		{	False Point		29.752	29.478	29.599	29.562	+.010	S70°W	249	93.2	74.6	87:3	78.0	82.6	1
Orissa	}	Balasore		{	Balasore		29.730	29.438	29.544	29.236	+*016	S51°W	125	93'4	73.8	89*3	77.9	83.6	1
	"]			- (Shortt's Islan	d							(2.2)						1
	1	Puri		{	Puri		29.761	29.515	29.615	29.578	-	S66°W	285	96.7	75.6	89°3 (a)	79*5	84°4 (a)	1
		Hazarıbagh		,	Gopalpur Hazaribagh		29.766	29.502	29-622	29.583	-	839°W	280	94'8	74.6	(a) 89.0	78-9	(a) 84.0	
	-	Ranchi		-	Hazarioagh Eanchi		27.761	27.377	27.594	29.540	+ '009	S87°W S81°W	214	88'2	70.8	82'6	73.6	78'1	
	Nag-	Palaman	-		Daltonganj		28*995	28.738	28.844	29*526	+ 009	863°W	212	93.1	71.5	88.0	78.0	78.1	1
pur.		Manbhum										"				68 0	76.3	02 2	1
	1	Sirghbhum			Chaibassa		28.985	28.703	28-820	29.526		S68°W	64	95'4	74'0	88'8	77-2	83.0	
	1	Sibsagar	•••		Sibsagar		29.507	29*182	29.312	29.599	029	N85°E	69	93-2	75'5	87.8	77:3	82.5	1
	1	Goalpara	•••		Dhubri		29*702	29*352	29:484	29.553	023	866°E	115	90.2	74'8	85-1	78.7	81.9	1
	U	Cachar	<u></u>		Silchar	-	29*777	29'385	29.552	29.608	-015	872°E	79	98'1	75*3	90.4	77.2	83.8	ı

Bengal for the month of July 1899.

			1	-			*	ISTRICT O	JOHNVATI	Onb.				
IDITY		LOUD.	_					RA	INPALL-					7
from mean.		Variation	n Rain-		1	Of mo				Since 16	th May 18	899.		DISTRIC
Variation f	Mean cloud amount, 8 A.M.	from	fall.	Mean of dis-	Normal mean.	Variation from mean	Number of rainy days,	Normal mean num- ber of rainy days,	Mean of dis- trict.	Normal mean,	Variation.	Mean num- berofrainy days.	Normal mean num- ber of rainy days.	
+5	9°0 7°7	+0.2	24.03 16.91	22-75	12.01	+10.74	20.00	15*70	37:25	24:15	+13.10	38*60	30.55	Burdwau.
				17.23		+4.23	20.50	16.22	31.21	26.18	+5:33	39.25	32.05	Birbhum.
-	7.5	-	16.65	14.74	12:67	+2.07	15'70	16.03	2517	26.26	+2'45	32.40	31.12	Bankura.
-	8.3	-	18.00	23.98	12.42	+9:39	15.83	15.00	40°16	25:33	+14.83	33.33	29.75	Midnapore.
				21.08	11.96	+912	20.20	16.38	46.38	24.21	+21.87	41.01	32.12	Hooghly.
-3	9.0	+0.7	15.05	20.27	12'53	+7.74	17.57	16.63	43.41	24.92	+14.96	39·50 36·43	33.45	Howrah.
+3	8.5	-1.2	21.47	21.47	12'46	+9.01	26*00	18.04	45.99	26.22	+19.77	45'00	33.13	24-Parganas.
-	8.3	-	23'16	18.98	10.20	+8.48	20.00	15.60	34.93	23.83	+11.10	40'40	32.63	Calcutta.
+7	9*5	+0.3	13:36	16.20	11.11	+5.09	19.75	15.67	30.84	24.09	+6.75	38:37	31.73	Murshidabad,
0	8.7	-0.2	20.64	17.98	10.41	+7.57	19.80	15.91	38'49	25:36	+13:13	41'80	34.07	Jessore,
		SATE 1 05-		17.63	12'82	+4.81	20.33	18.92	86.43	28.73	+7*70	44:33	38.12	Khulna.
-	5.9	-	11'36	16.83	11:72	+5.11	19.40	15.35	35.88	25:34	+10.24	40.60	31.29	Rajshshi.
	8.7	T	33.24	26.21	13.93	+12.28	23.00	16.59	47.53	30.31	+17:22	44.80	33'04	Dinajpur.
+4	(a) 9·1	+0.3	43.40	32.22	35.47	-2·18 -3·25	22:25	18.82	71.47	61.21	+9.96	52.00	43'26	Jalpaiguri,
	9.9	-	23'53	22.01	24.03	-2.02	26.50	18:13	68.84	69-98	-1'14	59:75	52.15	Darjeeling.
_	7.8	_	13'85	15.28	15.23	+0.02	17:20	14.58	69.28	62:23	+7.05	49:00	45.51	Cooch Behar.
-	8'4	_	21.57	20.37	12.57	+7.80	21.25	15.70	39.88	29.98	+9.90	45°20 43°50	85.54	Rangpur.
-	9.3	-	16.78	16.2	11.13	+5.39	21.00	15:35	35*82	26*46	+9.36	44.20	34.39	Bogra.
+1	9.0	+1:1	16.10	16.11	13'46	+2.65	21.80	17.76	41.61	31.39	+10:22	49.00	38.39	Pabna. Dacca.
-	8:4	-	23'16	21.86	16.17	+5*69	23.00	16.83	53.08	40.88	+12.20	52.75	38.45	Mymensingh.
-	7'8		15'09	14.68	11.85	+2'83	20.33	16.54	39.88	28'59	+11.29	47.66	35.88	Faridpur.
	7*9	-	18.17	20.46	18.65	+1.81	21*14	20.29	45'13	39.27	+5*86	47'14	41.73	Backergunge.
	8.8	_	15'37	16,13	12.97	+3.16	18.67	15.22	40.59	32'34	+8.25	42.00	35:50	Tippera.
+1	7.6	-0.3	25.37	35'34	24.66	+10.68	25.00	21.10	70.78	51199	+18.79	54.00	43.64	Noakhali.
			20.01	17.67	18.28	+6.85	21.80	21.49	76·01 45·67	57·78 42·06	+18.23	48°20 55°00	44'88	Chittagone,
+10	9.3	+1.0	19:21	21.35	12.20	+9.15	22:33	14'44	32-38	20156	+11.82	35'50	47°85 23°50	Chittagong H Tracts.
+11	8'4 (h) 9'2	-0.6	24·28 16·20	19.74	12.11	+7'63	20.85	13.91	32-88	18'76	1+14:12	84'44	22.23	Gaya.
-	8.2	-	20.53	20.43	11.69	+8.74	17.80	13.75	34.03	17.78	+16.30	31.47	22.06	Shahabad.
	9.1	-	22.62									1.5		1
	6.0	Ξ	19.31	21.52	12.14	+9.38	22.67	13.85	80*29	20.08	+10.21	37.00	23.35	Saran.
_	(a) 6.6	_	32-22	24 01	12:39	+10.75	24.20	13'45	39.17	25 56	+13.01	41.35	25168	Champaran.
+8	7.5	+0*9	17.06	22.70	12:47	+10.23	21.00	12.54		21.26			22.46	Muzaffarpur.
				24.08	13:22	+11.76	18.80	13.89	32.84	21.34	+11.20	33.60	23.99	Darbhanga.
-	9.4	-	28:33	28.54	13'12	+10.43	22'83	15.45	85.00	23'94	+11.08	30.60	23'04	Monghyr.
+4	8.3	+0.8	23.97	21.91	17.72	+4*19	24'50	17:26	43.86	34.26	+9.30	46.35	33.26	Bhagalpur. Purnea.
-	8.9		19.25	20.32	13.40	+6.93	22.25	16.40	37.97	26.26	+11.71	42.00	31 32	Malda.
-	9.4	7	25.70	22.89	13:17	+9.72	22.57	17:02	86.91	24.27	+12.64	38-29	31.03	Sonthal Parg
+2 0	8.9	+0.3	10.22	9.59	11.77	-2-18	16.00	14.47	21.91	25.01	- 3:10	32.38	27:61	has.
_	6.9	-	7'43	14100	19:00					No. of the				}Outrack.
				14.93	12.09	+ 2.84	15.00	14.21	29.81	24.36	+5'45	34 00	28.79	Balasore. Shortt's Island
	6.4 (a) 3.5	- 1	5.65	9.98	10.94	-0.96	13.60	13'24	16-17	21.76	-5.20	25 40	24'72)
+1	10.0	+0.7	6'35	19.82	14.36		en.es							Puri.
-	(a) 9.4			12.11	13.63	+8'46	22.33	16'98	31.88	23.58	+8.30	38.73	28.70	Hazaribagh.
-	6.2			15.05	14'15	+0.00	15.75	17:27	25'14	23'34	+1.80	30'34	29'91	Ranchi.
				15.00	13'37	+1.63	19.20	16'41	29.41	21.22	+7.89	28'60	25.58	Palamau.
-	5'9	10 - 100	111000 (2017)	10.95	13:37	-2.42	17:50	15:46	28'83	25:16	+4.39	35'67		Manbhum.
+3	9.3	+01	18.20		100						- "	J# 20	30.51	Singhbhum.
-3	9.1	(5)95550 (S)	11.86	1	300									Dhubri.
-5	9.6	+1'4	24.38			Mark No.								Cachar.
BERNE ST	THE PERSON NAMED IN	CREPE CONTRACT	DESCRIPTION OF	VE 3/24/10/5-10	10.750.03.53.00.00	15-(030) 100-107-107-107-107-107-107-107-107-107-	THE RESERVE THE PARTY OF THE PA	ROBSESS SEED A CORP.	140 FEB 900 CLTC	2553545 255	KIND OF THE RES	CONTRACTOR SO	PASSESSEE (ESS.)	THE RESERVE OF THE PARTY OF THE

a 1		1	- I			1	194		i			1	D	Tab	ole d	of R	ain	fall :	reco	rde	dat	sta	tion
Meteorological Division.	Division.	District.	Station.		1 2	3	4	5	6	7	8	9	10	11	12	13	14	11	5 10	8 1	7 18	19	20
SOUTH-WEST BENGAL.	+ Burdwan.	Burdwan . Birbhum . Bankura . Midnapore Hooghly Howrah	Bankura Vishnupur Maliara Khatra Indas Kotalpur Onda Gangajalgha Raipur Sonamukhi Contai Tamluk Midnapore Ghatal Kukrahaty Garhbeta Panskura Dantan Serampore Hooghly Jahanabad Howrah	0°14 1'4 1'4 1'0°06 1'0	59 59 4 133 45 0°03 6 45 7 0°27 7 1 0°10 7	0°22 0°16 0°03 0°03 0°03 0°04 0°02 0°03 0°04 0°02 0°02 0°03 0°04 0°02 0°02 0°03 0°04 0°02 0°04 0°04 0°04 0°04 0°04 0°04	0°04 0°25 1°11 0°12 0°03 0°27 0°04 0°05 0°20 0°20 0°66	0.01 0.03 0.15 1.68	0°68 0°50 0°04 0°77 0°31 1°27 0°30 0°20 2°34 0°49 0°49 0°49 0°19 0°19 0°79 0°79 0°67	1.75 3.09 0.65 0.84 1.20 0.82 0.45 0.12 0.49 2.05 2.16 0.49 2.05 2.16 1.77 2.12 1.73 2.45 6.73 1.73 1.73 1.73 1.73 1.73 1.73 1.73 1	 	0.02 0.02 0.03 0.08 0.08 0.09 0.02 0.02 0.02 0.03 0.03 0.03 0.03 0.03	0°50 0°33 1°90 0°97 0°88 0°13 1°62 0°09 0°542 0°09 0°542 0°09 0°542 0°09 0°542 0°09 0°55 0°09 0°09	0 '59 0 '36 0 '34 0 '21 0 '80 0 '21 0 '80 0 '30 0 '48 8 0 '52 2 9 9 2 19 9 2 15 0 0 '62 2 52 2 9 2 1 '90 0 '66 0 0 17 7 0 13 1 '90 0 19 1 '90 0 19 1 '90 0 19 1 '90 0 19 1 '90 1 1 '90 0 19 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 '90 1 1 1 1 '90 1 1 1 1 '90 1 1 1 1 '90 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0-444 0-00 0-00 0-00 0-18 0-18 0-00 0-18 0-19 0-10 0-20 0-20 0-20 0-20 0-20 0-20 0-20	0 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.87 1.73 1.73 2.58 1.79 0.77 0.77 1.90 1.75 0.71 1.75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3 4 3 4 3 4 4 0 2 0 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 6 1 4 4 2 6 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.042	0°16 0°16 0°16 0°10 0°16 0°00 0°17 0°18 0°00 0°18 0°00 0°18	0 33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Dratificant		Nadia Murshidabad Jessore Khulna	bour. Canning Tow Alipore (Obsy Barrackpore. Dum-Dum Barasat Ranaghat Ranaghat Krishnagar Chuadanga Meherpur Kushtia Kandi Berhampore. Lalbagh Azimganj Jangipur Lalgola Akriganj Patkabari Dumkal Naraii Jessore Jhenidah Magura Bangson Satkhira Bangson Satkhira Bangson Satkhira Raliyanj Nakiyar Dumuria Kaliyanj Nakiyar Dumuria Kalaroa	n 0 0 0 1 0 0 1 4 4 0 0 3 3 2 0 4 4 8 0 0 3 2 2 1 1 5 8 0 5 3 3 2 0 4 0 1 2 7 0 7 7 0 1 2 7 0 7 1 2 7 0 7 1 7 7 0 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1.06 1.06 0.97 0.64 0.62 0.49 1.50 0.21 0.42 0.14 1.20 0.10 0.05		0°66	0°96 0°55 1°18 0°20 0°01 0°02 0°15 0°15 0°15 0°16 0°10 0°10 0°10 0°10 0°10 0°10 0°10	1'50 1'	143 (4775) (4775	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0°21 0°23 0°33 0°33 0°34 0°	0°59 0°20 0°84 1°40 0°73 0°13 1°67 0°60 0°24 0°24 0°24 0°20 	0°57 1°50 0°33 1°04 0°18 0°30 0°50 0°50 0°70 0°70 0°11 0°13 0°94 4°30 0°91 0°91 0°91 0°91 0°91 0°91 0°91 0°9	0°04 0°42 0°67 0°12 0°65 2°78 0°56 0°34 0°02 0°10 0°10 0°12 0°03 0°02 0°06 0°06 0°06 0°06 0°08 0°25 0°08	3'65 0'84 1'26 0'10 0'82 0'65 0'50 0'65 0'31 0'38 1'05 0'95 0'10 0'61 1'05 0'47	6'10 1'24 3'47 2'94 5'38 1'70 1'45 1'86 0'30 0'58 0'86 0'86 0'86 0'20 0'11 0'10 0'87 1'45 1'80 0'87 1'46 1'50 0'80 0'11 1'14 1'10 1'10 1'10 1'10 1'10 1'1	0°99 0°39 0°89 0°15 0°15 0°15 0°15 0°16 0°16 0°14 1°109 0°29 0°83 1°40 0°75 0°79 0°90 1°40 0°90 0°45 0°43 0°43 0°43 0°44 0°54 0°54 0°23 1°10 0°12 0°36	2:46 1:50 0:16 0:44 0:33 2:03 0:04 0:09 0:05 0:03 0:01 0:01 0:05 0:03 0:04 2:25 0:04 2:02 0:04 0:04 0:04 0:05 0:05 0:05 0:05 0:05	0°16 1°62 2°95 3°45 2°80 0°91 2°38	1.23 0.29 0.86	0.02 0.03 0.03 0.03 0.03 0.03 0.03 0.03	0.16 1.20 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0
lhi.]	Rajshahi Dinajpur	Pakkacha Mollahat Mollahat Morellganj Boalia Nator Nator Naugaon Lalpur Manda Nithpur Manda Nithpur Manda Nithpur Mandabani Gangarampur Hahadebpur Churaman Raiganj Dinajpur Baloorghat Thakurgaon Setabganj Ramganj Jalpanguri Alipanguri Alipore Duar Fallacotta Debiganj Bhagatpur (Nagrakatta)	1'25 0'14 0'54 0'86 1'27 1'10 0'78 1'35 0'85 0'02 0'03 0'39 0'34 0'18 0'04 3'39 3'15 0'72 0'30 1'10	2.58 0.21 0.07 1.48 0.12 0.30 3.60 3.53 1.46	0°25 1°12 2°68 0°43 0°70 2°60 0°08 0°30 0°17 6°10 1°73 0°31 0°45 0°86 4°88 1°98		0·12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	125 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	366 775 0°17628 0°1713 3°17630 0°2717 0°2749 1°1749 1°	75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	725 126 167)-20)-37)-37)-26)-47 (-47 (-15)-10 (-15)-20 (-15)-30 (-17)-30 (-18 (-18)-30 (-18)-30 (-18)-30 (-18)-30 (-18)-30 (-18 (-18)-30 (-18 (-18)-30 (-18 (-18)-30 (-18 (-18)-30 (-18 (-18 (-18)-30 (-18	0°15 0°19 0°09 0°09 0°95 0°95 0°95 0°92 0°35 0°18 0°24 0°36 0°10 0°70	0°37 0°11 0°13 0°29 4°00 0°40 1°20 1°077 1°075 0°75 0°24 1°66 2°01 1°71 1°10 2°55	2.66 0.03 1.40 0.17 0.75 0.70 0.62 0.85	2°52 0°15 1°01 0°32 0°50 0°50 0°40 0°30 0°40 0°38 0°38 0°26 0°53 0°26 0°53 0°26 	0.52 0.32 0.32 0.25 0.20 0.12 0.30 0.75 1.13 0.40 0.53 0.40 0.52 0.53 1.97 1.00 1.10 1.08 0.91 0.18 0.46 0.91	0.08 0.28 0.04 1.20 1.36 0.30 1.70 1.80 0.64 1.20 0.45 0.73 1.87 0.49 1.02 0.91 0.30 0.07 1.02 0.91 0.30 1.70 1.80 0.73 1.87 0.49 1.02 1.03 1.	0'19 0'14 0'45 0'35 1'52 1'02 0'60 0'25 1'19 2'55 0'28 1'15 1'86 0'23 0'30 	0°82 0°05 0°85 0°02 0°12 0°30 0°63 0°18 0°56 0°62 0°62 0°06 0°15 0°06 	1'40 0'39 0'48 0'20 0'11 0'54 1'28 0'40 0'50 0'50 0'42 0'42 0'42	3 '69 6'25 4'00 0'23 0'95 0'82 0'20 0'07 0'15 3'51 1'15 3'80 0'47 1'50 1'23 0'94 0'25 0'84 1'48
Bajeh	R	Thet cooch Behar	Kalchini baxa Siliguri Darjeeling Kalimpong Mungboo Kurseong Pedong Yatung Dinhatta Cooch Behar Mickliganj Mathabhanga Fulbari Bnawaniganj (Gaibanda) Rangpur Peerganj Kurigaon Gobindganj Bagdogra Nilyhamari) Ulipur Sunderganj Rerpur	4 '05 7 '755 1 '00 1 '46 0 '36 0 '36 0 '36 1 '15 2 '56 0 '23 0 '31 0 '68 0 '20 0 '30 0 '03 0 '03	2.57 0.86 1.40 0.98 1.24 1.47 0.91 0.43 0.22 0.86 1.04 0.20 0.20 0.20 0.20 0.20 0.88 1.11 0.65 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06	3'41 2'20 (1 1'02 1'02 1'02 (1 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 (1 1'02 1'02 1'02 1'02 1'02 1'02 (1 1'02 1'0	0°03 0°10 0°10 0°10 0°12 0°13 0°13 0°15 0°	1960 0 1990 0 19	02 01 02 01 02 01 02 01 02 01 02 01 02 01 02 01 02 02 01 02 02 01 02 02 02 02 02 02 02 02 02 02 02 02 02	18 075 10 075 10 075 10 075 10 176 11 076 11	4 0::65 0::55 0::11 0::45 0::65 0::11 0::45 0::65 0::11 0::45 0::65 0::11 0::45 0::65 0::11 0::45 0::65 0::11 0::45 0::45 0::11 0::45 0::45 0::11 0::45 0::45 0::11 0::45 0::45 0::11 0::45 0::45 0::11 0::45 0::45 0::11 0::45 0::45 0::11 0::45 0::45 0::11 0::45 0::45 0::11 0::45 0::45 0::11 0::45 0::4	222 1 226 0 00 552 0 41 0 64 0 225 0 65 0	75 0 0 0 0 0 0 0 0 0	105 449 6 107 107 107 107 107 107 107 107 107 107	9:61	0°80 3°86 1°55 0°40 0°77 0°43 0°18 0°05 1°31 0°11 	0°20 0 48 0°70 0°12	0°30 0°50 2°27 0°30 1°72 2°17 1°12 0°20 0°28 0°24 0°21 0°08 0°21 0°13 0°13 0°17 0°86 0°22 0°20 0°30 0°41	0°05 0°07 0°25 0°43 0°40 0°32 0°59 0°53 0°13 0°15 0°06 	0.40 0.77 0.42 0.80 0.09 0.04 0.97 0.02 0.27 0.03 0.08 0.08 0.09	1'44 1'13 1'28 0'36 0'10 0'46 0'39 0'11 0'07 0'30 0'24 0'45	1.50 0.21 0.99 1.97 1.52 1.25 1.31 0.45 0.79 2.22 0.21 1.58 1.04 0.20 0.15 0.16 0.05	0°15 1°05 1°175 1°16 1°187 1°19 0°38 0°38 1°39 1°39 1°39 1°39 1°39 1°39 1°39 1°39

B	eng	gal 1	in J	uly .	1898). 	lka s	THE STATE OF			Jo	LA	l = d	1.0	1: 80	1-4+	1	1			
	22	23	24	25	26	27	28	29	30	31	Number o	Average num- ber of rainy days.	Total rainfall for the month	Average rain- fall for the	Heaviest rain-	Total rainful from 16th	July 1899, Average rain fall from 16th	Station.	District.	Division.	Mteorological
16 8 8 8 8	2.08 3.75 3.28 1.09 2.19	0°27 0°03 0°21 1°35	0°03 0°23 0°03 0°01	0*57 2:36 6:87 1:30	0.55 0.59 0.03 1.66 0.85	1.47 2.47 0.68 0.64 2.67	0.17 0.49 0.11	0'33 0'02 0'22 0'01 0'30		0°16 0°02 0°29 0°50	19 21 18 19 23	13'04 16'27 15'46 16'46 17'27	24.03 24.90 16.91 23.36	11.13 11.71 10.49 13.22 13.51	3·20 3·75 4·08 2·11 2·67	44'8 87'4 38'7 23'9 41'2	23°1 24°0 28°1 9 24°8 4 25°7	Burdwan. Katwa. Raniganj.	Burdwan.		
	1.84 2.27 1.00 1.80 0.63 0.52	1.18 2.62 0.10 1.25 0.12 0.97 0.38	0.45	0.69 0.58 0.41 0.13 0.21 2.50 0.22	1.50 1.18 0.30 0.00 1.02 0.00 1.02 0.00	0°14 0°19 1°02 0°60 4°98 0°47 2°24	0.54 0.07 0.86 0.72	0°01 0°30 0°62 0°73 0°32	0°16 0°10 0°27 0°12 	0°04 1°15 0°36 0°04 0°31 0°38	26 22	9	24·11 17·63 12·70 14·48 25·97 21·61 16·65	13·13 13·17 11·75 12·77 P 12·68	3°39 2°27 1°32 2°09 4°98 2°50	41.7 30.6 25.8 27.8 44.5 35.4	1 26.6 6 24.1 5 27.0 0 P	56 Suri Hetampur. 3 Rampur Hå 2 Bolpur. Morari. Labpur.	Birbhum.		
	0.27 1.36 0.77 0.59 2.56 1.53	0.15 0.04 0.42	0.20	0°34 0°26 0°15 1°49 1°48 0°30	0.07 0.50 1.92 0.09 0.05 0.66	1.00 1.94 0.40 2.27 .1.27	0.07	0.41	0°07 0°02 0°45 0°50	0.14	16 18 15 16 12	16.75 17.13 17.31 16.27 13.73	12°86 14°87 12°92 16°22 13°57 13°21	12 68 12 22 13 11 14 08 12 43 13 92 10 83	3.09 2.68 3.11 1.92 2.56 2.52 1.98	29°34 29°34 22°73 30°18 30°47 24°87 33°47	4 26·3 9 25·9 8 28·6 7 26·2 5 27·4	1 Vishnupur. 5 Maliara. 6 Khatra. 9 Indas. 6 Kotalpur.	Bankura.	Wan.	
	0·12 0·19 1·45 0·02 1·21 0·19 0·72 0·72 0·05 2·59	0°10 0°10 0°11 	1.36 0.05 0.09 0.25 0.11	0.27 0.11 0.82 1.26 5.48 0.19 0.60	0.18 1.07 1.65 2.44 2.35 0.49 2.64 0.11	2°58 2°58 0°18 0°51	0.13	0.14	0°51 0°51 0°11 0°10 1°06 0°52 0°08 0°52	0°18 0°10 0°06 0°59 0°40 0°16	17 17 14 14 21 15 17 13	14.55 17.27 15.09 15.27 13.00 15.65 15.40 16.25	15·41 12·37 19·43 34·59 22·09 21·28 19·71 21·33	13'21 12'96 11'29 13'91 11'86 11'63 12'60 11'59 12'95	3.76 2.05 2.92 7.79 3.15 6.70 5.08 6.50 2.59	26:31 29:66 30:36 55:80 39:46 36:57 40:83 40:55 27:75	27.9 3 28.3 24.7 26.3 3 24.1 23.4 4 25.4 25.0	S Gangajalgha Raipur, Sonamukhi Conta: Tamluk, Midnapore, Ghatal, Kukrahaty,	Midnapore.	Burdwan	
000000000000000000000000000000000000000	0°20 0°63 1°33 1°35 1°25 0°48 0°15 0°60	0°25 0°50 0°20 0°08 0°32 1°08 0°40	1:34 1:43 0:04 0:45 0:28	0°46 1°08 0°18 0°69 0°97 0°30 0°10	1.88 0.44 0.08 0.49 1.05 0.90 1.26	0°81 1°22 1°05 0°05 0°05 0°05		0.65 1.36 1.09	0°11 0 0°59 0 0°49 0 0°06 0 0°29 0 0°08 0 0°60 0	*24 *26 *53 *87 *30 *17 *58 *12	20 15 23 19 17 20 21 24	P 17:00 16:65 15:48 17:92 16:76 19:00 19:0	21.80 17.99 26.77 23.61 21.57 19.72 22.43 20.02	P P 12·29 11·37 12·40 11·79 12·13 P 15·34	3·85 3·46 5·73 6·86 4·25 4·31 3·28 3·25 3·57	38 56 28 37 53 65 46 88 38 60 45 43 41 38 37 95 33 30	24'58 23'48 25'48 24'92 24'90 P	Panskura. Dantoon. Serampore Hooghly. Jahanabad. Howrah Mohesreka Ulubaria.	Hooghly.		WEST BENGAL.
011111	·26 ·46	0°24 0°15 0°47 0°64 0°35 0°02 0°21	0.16	0°44 0°21 0°29 0°39 1°54 0°72 0°73 0°34	1.93 1.17 0.42 1.35 0.30 1.06 1.08	0.12 0.69 0.72 1.12 0.18 1.15		0°25 0°79 1°80 0°06	0 20 0 36 0 48 0 48 0 0	*47 *27 *42 *70 *56 *58	18 18 18 18 18 18 18 18	7.49 2 6.55 1 8.04 2 5.65 2 7.04 2 6.23 2 6.42 1	6:40 6:40 11:47 4:18 6:78 13:84 12:92	14°39 11°39 12°46 11°72 11°38 0°72 2°78	3.65 2.46 4.12 3.75 5.38 2.80 1.91	43.58 34.65 45.99 45.72 51.51 51.32 27.20	27.15 26.74 26.22 24.47 25.07 23.41 27.82	Diamond Habour. Canning Tow Alipore (Obs. Barrackpore. Dum-Dum. Barasat. Basirhat.	n.		South-Wast
0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	64 05 43 25 95 11 57	0°21- 0°53 0°15 0°57 0°50 1°06 1°25 0°53	0°02 0°41 0°95 0°30 0°73	1.05 3.35 0.46 0.60 0.90 0.11 0.82 0.73	0°3) 0°81 1°06 0°04 0°03	1.85 0.43 0.31 0.05 1.58 1.01 1.38 1.29 2.63	0°02 6 1°20 6 0°08 6 0°16 6 1°18 6	2:12 0 0:07 0 0:71 0 0 0:02 0	28 0 0 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30 03 04 10 17 25	19 1 19 1 22 1 21 1 20 1 21 1 18 1 20 1	5 92 2 5 27 1 5 63 1 6 27 1 6 05 1 6 71 1 5 70 18	3°16 1 5°99 1 7°41 1 8°34 1 9°26 1 3°36 1 5°41 1	0°62 0°19 0°17 0°82 2°21 0°71 1°62 1°04	4·12 6·11 8·35 4·15 8·25 8·26 8·40 8·40 8·43	38.75 39.65 32.70 27.73 35.80 32.65 25.72 25.58 23.03 32.98	23°54 23°04 23°25 23°19 26°15 24°22 23°40 24°12 23°82 23°35	Ranaghat Krishnagar. Chuadanga. Meherpur. Kushtia. Kandi Berhampore. Lalbagh. Azimganj. Jangipar.	Nadia. Murshidabad.	Presidency.	
1.	35 67 18 50 50 02		0°07	1'57 0'64 0'95 0'96 0'32	0°64 0°12 1°44 2°40 0°55 0°74 2°40	0°57 1°50 0°56 0°56 0°97 0°50 0°46 1°20	0°20 0°49 0°85 0°18 0°20 0°20 0°07	0 1 0.07 0 14 0 158 0 18 0 70 1	15 0. 20 0. 49 0. 35 0. 19 0. 25 0.	30 24 08 07 13	21 15 19 16 18 15 18 16 23 15 20 16 16 16 16 16 16 16 1	5°90 19 2°56 19 5°28 13 5°28 17 7°39 20 3°32 16 5°80 16 4°75 17	3·10 1 7·98 1 3·57 1 3·85 1	1.99 9.40 0.53 9.48 1.21 0.16 0.40	30 170 170 315 339 162 160 249 267	28.83 28.01 39.39 37.92 29.56 40.15 45.44	24.77 26.99 22.05 24.15 23.38 27.59 25.54 26.40 23.94	Laigola. Akriganj. Patkabari. Dumkal. Narail Jessore. Jhenidah Magura. Bangaon.	Jeszore.		
17000	40 1 52 0 	1'46 0'36 0'46 0'15 0'09	0.21 0.20 1.05 0.19	0°06 0°28 1°09 3°32 1°60 0°11 0°30	1.55 0.71 0.30 0.28 0.38 0.05 2.58	0°43 3 0°80 0 0°04 0	0°29 0 1°10 0 0 1°45 0 1°08 0	42 71 64 06 06 04 0	18 0 0 10 10 10 10 10 10 10 10 10 10 10 10	13 10 23 12 09	19 20 25 18 17 15 24 11?	9 18 9 18 9 18 9 18 9 28 9 5 9 18	3.65 1. 3.69 1. 3.69 1.52 3.45 70? 3.50	1.49 1.58 P P P	*76 *76 *72 *06 *32 *07 *09 *58	30.63 33.89 44.78 44.17 38.19 47.54 18.06? 35.27	27:41 32:10 26:69 P P	Satkhira Bagerhat. Khulna. Kaliganj. Nakipur. Dumuria. Rampal. Kalaroa.	Khulna.	J	
0.0	05 2 80 0 22 0 93 0 51 2 75 0	2.02 0.50 0.69 0.10 2.80 0.08 0.08	2.15 0.03 0.86 0.07 1.90 0.64	3'06 1'63 2'47 3'01 1'91	3°45 4 3°26 0 0°42 0 0°65 0 0°57 5 0°67 0 0°75 8	125 1004 1078 1007	*88 0 *24 0 *76 96 0 *04 .	19 0 03 0 14 .	45 6° 03 0° 28 0°	75 2	22 15 22 15 4 15 22 15	P 20 9 20 103 11 160 16 131 21 140 13 120 21	'79 12 '79 12 '24 9 '75 12	P 4 .59 2 .78 3 .39 2 .86 4 .00 3	'69 '75 '00 '68 '01 '80 '00 '60	44.15 78.50 44.88 30.62 37.55 41.81 29.91 39.58	24.61 27.64 28.19 21.98 24.33	Paikgacha. Mollahat. Moreliganj. Boains Nator Naugaon. Lalpur. Manda.	Rajshahi.		
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0.2014	15 1: 10 1: 18 0: 1 1: 8 1: 1 1: 1 1: 1 1: 1 1: 1 1: 1 1	20 1 74 0 25 0 45 2 29 0 67 0	17 1 129 1 18 3 20 1 12	005 0 01 0 28 0 49 0 70 0	50 2 51 0 28 0 97 2 15 1	00 0 95 0 71 0 90 0 52 0 26 0	55 0. 45 0. 48 0. 25 0. 99 2. 28 1.	23 21 0°1 41 0°0	8 0.20	20 20 20 20 20 20 20 20 20 20 20 20 20 2	3 5 5 20 17 3 19 18	07 26° 50 28° 70 26° 00 21°	51 25 24 29 73 31 82 28 81 22	9 2 2 2 2 2 2 2 3 2 3 2 3 2 3 2 3 2 3 2	00 01 77 88 41	38·89 41·67 41·56 50·03 88·07 88·44 59·36 58·75	63°38 71°74 60°97 49°93	Thakurgaon. Setabganj. Ramganj. Jaipaiguri Alipore Duar. Fallacotta. Debiganj. Bhagatpur	Jalpaiguri.		
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53 61 70 21 29 56	2.7 2.7 0.9 0.9 2.9	72 0° 18 3° 90 1° 96 1° 36 1°	36 0° 02 0° 25 0° 13 0° 41 0°		28 0°5 11 1°5 90 0°5 96 0°5 70 2°5	28 0°3 22 1°4 88 0°6 93 0°4 19 0°1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 2 0.0	0.10	30 19 19 24 24 16 17	17°1 18°3 18°4 18°5	7 20°1 7 25°5 7 20°5 2 21°7	8 187 6 187 3 267 6 247 7 277	65 4.0 4 7.7 6 4.4 8 6.0 2.3	7 2 5 6 5 7 5 6 3 7 6 6	2°06 3°69 4°13 4°21 4°02 4°73 6°76 2°77	9 56.05 68.51 59.34 65.05 9	Pedong. Yatung Jinhatta Jinhat	Tibet. Cooch Behar. Rangpur.		(×
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Table of Rainfall recorded at static

Devision.	Division.	District.	Station,	1	2	3	•	8	6	7	8	9	10	11	13	15	14	15	16	17	18	19
	Dacca.	Daces	Munshigan) Dacca Narayansanj Manikganj Jaydebpur Kishorganj Atia (Tangail) Mymensingh Jamalpur Netrakona Subarnakhali Durgapur Sherpur Town Diwangsanj	0°31 0°52 0°56 0°05 0°10 0°25 1°02	1'97 0'70 1'70 1'70 0'16 2'15	0°40 0°35 0°62 0°32 0°03 0°05	0°08 0°30 0°35 0°02 0°22 0°22 0°20 1°09 0°70 8°20	0.07 0.03 0.06 0.08 0.03	0°34 0°36 0°36 0°36 0°75 0°47 2°85 0°48 2°34 2°15 1°03 0°43 1°60 1°20 0°88	0°34 0°30 0°50 0°22 1°07 0°82 1°37 0°28 0°07 	0°28 0°75 0°62 1°95 0°55 0°19 0°88 0°66 0°75 0°20 0°20 0°90 0°26	0°46 0°02 0°14 0°10 0°10 0°12 1°20 0°50 0°12 1°20 0°50 0°18	1'03 3'60 2'17 0'81 6'10 0'08 1'35 0'17 0'49 0'18 0'10 1'50	1'34 0'61 1'56 1'03 0'08 0'56 2'67 0'37 0'35 0'13	0.06 0.54 0.08 0.15 0.38 0.03 0.52 1.10 0.60	0.08 0.05 0.12 0.43 0.55 0.15 0.60 0.77 0.25 0.06 0.32 0.80 0.50	0.45	0.07 0.18 0.07 0.16 0.68 0.60 0.16	0°66 0°18 0°65 1°74 0°20 0°56 0°30 0°40 0°90	1.13 1.22 0.38 0.05 0.79 0.60 0.22 0.75 0.05 0.70 0.00	0°14 0°27 0°12 0°35 1°78 0°69 0°49 0°15 0°14 0°40 0°20 0°35 0°41 1°59	0°12 0°10 0°40 0°65 1°65 1°65 1°65 1°05 0°32 0°34
		Faridpur Backergunge	Nalitabari Madaripur Faridpur Goalundo Patuakhali Pirojpur Barisal	0.04 0.46 0.77 0.88		0.63 0.07	0°60 0°02 0°05	0.26 0.04 0.03 0.15	0.36 0.15 0.52 1.89 0.25 0.05 0.05	1.22 0.17 0.50 0.99 2.90 1.40 1.65 0.41	0.02 0.53 0.09 0.46 0.07 0.22 0.19	0°20 0°10 0°03 0°21 0°26 0°11 0°04	1°94 1°24 0°71 0°66 0°02 0°58 0°15	0°14 0°26 0°23 0°74 0°19	0.07 1.20 0.17 0.64 0.08 0.27 1.67	0.06 0.10 0.16 0.08 0.30 2.23 0.18 0.06	0°28 0°81 1°96 0°17 0°37 0°09 0°12	0.02 0.13 0.28 0.21 0.28 0.24	0°37 0°46 0°92 0°35 0°17 0°35 0°18	0°20 0°70 0°28 0°46 0°38 4°25 0°49	0°12 0°64 0°40 0°48 0°50 0°38 0°07	0.00 0.7 0.00 0.4 0.20
DASI DENGAL.		Hill Tippera Tippera	Gaurnadi Bhola Doulatkhan Buaphal; Agarta)a Comilia Chandpur Brahmanbaria Ramchandra-	0.03 0.28 0.04 0.10	0°03 0°07 0°15 0°30	0.02 1.08 0.50	0°26 0°45 0°19 0°06	0.08 0.57 0.44 0.08 0.08 0.40	0°24 0 43 0°23 0°73 0°26 0°18 0°78	1'68 0'79 1'40 0'50 0'80 0'44 2'56	1°22 0°40 1°60 0°66 0°43	0°37 0°35 0°65 1°18 0°24 0°49	0°15 0°45 0°90 3°13 1°65 1°22 2°66	0.89 1.08 1.10 0.73 2.16 0.25	0.08 0.10 0.20 0.20 0.30	0.33 0.15 0.20 0.04 0.10 0.40 0.40	0°18 0°23 0°05 0°10 0°10	0°08 0°36 0°20 0°34 0°46	0.18 0.35 0.18 0.68	0.60 0.60 1.80	0.57 0.90 0.50 1.03 0.97 0.05 0.30 1.40	0.4 0.3 0.3 0.0 0.0
	Chittsgong.	Noakhali	pur. Nasirnagar Daudkandi Kasba Laksam Noakhali Fenny Harishpur Ramganj	2·19 0·18 0·07 0·05	0.06 0.49 0.01 0.07 0.18 0.40	0.10 0.65 0.54 0.53	0°99 0°20 0°07 0°13 0°48	0°30 0°29 0°12 0°09 0°59	1.28 1.42 0.92 0.22 0.27 0.07 0.23 0.60	0°54 0°25 0°60 0°98 0°53 1°35 8°33 0°93	0.09 0.06 0.70 0.74 0.68 0.75 0.40	0°15 0°10 0°32 1°53 0°21 0°05 1°18	0.18 1.05 1.16 1.05 1.31 1.28 0.60 1.46	0.08 1.17 0.13 0.11 0.20 0.33 2.29 0.76	0.02 0.06 0.06 0.09 0.09	0°25 0°10 0°45 0°45 0°78 1°67 0°61 0°32	0.07 0.20 1.30 0.52 0.20 0.56 0.24 2.43	0.01 2.40 1.82 1.90 1.88 10.95 0.98	0·15 0·15 0·57 0·22 2·30 1·07 1·30 3 0·19	0.30 0.30 5.58 5.17 4.55 5.00 3.77	0.07 1.05 1.12 0.55 1.88 2.54 7.53 0.44 3.54	1°1 0°3 1°3 0°5 0°5 0°6 0°1 1°8
i	Chit	Chittagong	Chhagalnaya Hatya Lakhipur Cox's Bazar Chittagong Kutubdia Satkanya	0.39 0.76 0.03 0.24	0.09 0.11 0.09 0.20	0.04 1.20 0.01 0.33	0°12 0°12 0°42	1.60 0.04 0.08 0.18 1.88 0.35	0.10 0.19 2.50 0.48 1.00 0.51	0°36 1°94 2°47 0°03 0°45 0°03	0.55 0.90 0.58 0.16 0.52 0.23	1.75 0.13 1.95 0.80 1.07 0.07 0.11	0°25 1°06 1°20 0°63 0°70 0°11 1°00	0.65 0.27 2.20 2.10 2.70 0.58 0.38	1'20 0'50 2'90 0'02 1'20 0'97 0'46	0.25 0.14 4.02 0.80 4.00 1.29 0.11	0°24 0°14 6°55 1°50 4°50 1°36	3·20 1·40 3·20 0·70	0.63 1.78 1.40 0.14 0.29 0.04	2.74 0.62 0.20 0.07 0.22	0.95	1.9 0.4 1.9 0.4 0.5 0.7 0.2
		Chittagong Hill Tracts. Patna	Kodala Fenoa Mirsarai Rangamatia Bundarban Patna Dinapole Bihar	0.17 0.03 0.16 0.60 0.08 0.28	0.25 0.05 0.09 0.48	0°55 0°13 0°70 0°46 0°18 1°09	0°30 0°08 0°99 0°40 2°26 2°06 1°38	0°34 0°09 0°25 1°60 	0°14 0°69 0°59 0°12 0°04	0°58 1°16 0°30 0°12 0°04 0°14	0°90 0°29 0°11 0°04 0°04	0 10 0 69 0 58 0 02	0.94 5.06 0.15 0.16 0.54 0.25 0.55 0.54	1·12 0·17 0·42 0·08 0·80 0·82 0·08	0.24 0.40 0.04 0.11 2.79 2.90	1.06 0.25 1.00 0.56 0.80 0.96 0.10	0.80 1.13 0.16 0.86 0.68 0.71 1.62 2.25	0°37 0°93 0°09 0°23 4°92 5°05 2°84 7°43	0.48 0.43 0.55 2.12 1.65 0.25	7·25 0·22 0·08	0.20 2.57 0.04 0.17 0.02 1.13 1.12	13 2 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		Gaya	Barh Bikram Hilsa Aurungabad Gaya Nawada Jahanabad	0°32 0°20 0°07 0°01	0°30 0°44 0°66 0°18	0°32 0°78 0°45 1°10 0°10 0°22	0°99 0°17 2°52 0°62 0°64 3°84 0°15	0.02	1.47 0.80 0.34 1.03 0.16 0.36 3.05	0°12 0°50 0°07 0°49	1.06 0.10 0.19 0.14 0.10 0.21 0.62	0°32 1°50 0°09 0°07 0°15 0°06 0°05	0°16 0°10 0°03 0°37 1°25	0'48 2'24 0'20 0'05 0'04	0°12 0°12 0°53 0°38 1°05 0°03 0°12	1.75 0.90 0.11 4.25 4.42 2.16 1.70	0.80 0.07 0.57 0.40 0.08 0.04	1:39 3:90 0:15 0:56 1:52 3:21 3:10	0.20 0.86 0.09 0.02 0.02	0°41 0°06 0°02	0.85 1.05 0.22 1.53 0.68 0.80	0°4 0°0 2°5 0°2 1°0 0°0
		Shahabad	Arwal Daudnagar Sherghati Rajauli Pakri Barawan Buxar Dehri Bhabhua Sasaram Arrah	0.07	0°40 1°90 0°43 0°50 0°22 0°80 0°70 0°15	0°43 0°37 0°39 3°45 2°50 0°09 0°23 0°35 0°76 0°04	0.10	0°62 0°20 2°00 0°06 5°30	0°15 0°09 3°66 2°00	0.03 0.05 0.25 0.08 0.10 0.02 1.53	0.60 0.98 0.12 0.28 0.68 0.85	0°13 0°20 0°80 1°77 0°06	0°12 0°12 0°15 0°07 1°05 0°10 0°10	1.14 0.37 3.15 1.50 0.18 1.13 0.40 2.42 0.12	0:40 0:67 1:10 3:53 0:08 0:89 0:10 0:92 4:00	0.06 0.16 0.75 0.30 0.24 1.10 0.05 0.05	0.21 1.20 3.50 0.03 0.02 1.06 2.02	0°19 0°15 0°83 0°74 0°18 0°30 0°57 0°63	0.37 0.06 0.08 0.36 1.37 0.20 0.56 0.02	1'41 0'27 2'55 0'35 0'03 0'05 0'03 1'03	0.44 1.50 0.86 0.06 0.74 0.32 0.36	0.4
{	Patna,	Saran	Mohanea Khiri Aggaon Ramagar Koath Sikraul Bassowan Monaharpur Chausa Gopalganj	1°20 0°22 0°86	0.20 0.50 0.25 0.10 0.62 0.27 0.13 0.12	0·10 0·10 0·13 0·25 0·17 0·62	0.33 0.80 0.33 0.07 0.05 0.81 0.31	2.85	0°25 3°42 0°75 1°10 3°70 3°57 1°82 1°80 0°88	0°17 0°70 0°15 0°28 0°04	1.10 0.22 0.70 1.85 0.87 0.08 0.80 1.02	0'40 0'50 0'66 0'40 0'93 1'30 0'50 1'10	0.35	0.50 1.22 0.65 2.40 1.40 0.43 2.09 0.87 1.54 0.17	0.65 0.50 1.82 1.41 3.80 1.27 1.19 0.09	0°45 1°50 0°70 0°42 0°30 0°05 0°18 0°21 1°90 2°92	2.76 0.29 0.17 0.41 0.63	1.75 1.40 1.15 0.54 0.59 0.22 1.50 0.93 0.83 0.75	0°45 0°20 0°16 0°27 0°22 0°54 0°37 1°00 4°63	0°30 0°10 0°14 0°14 0°13 0°18	0.70 0.20 1.05 0.06 0.08 0.03 0.40 0.28	0.5 0.4 0.3 0.4 0.5 0.0 0.4 0.5 0.0
			Siwan Ekma Chapra Hathwa Amnaur Basantpur Darowles Bhoreh	0°16 0°42 	0°04 0°05 0°40 0°12 0°10 0°05	0.41 0.30 0.63 0.23 0.72 0.59 0.40 0.50	0°20 1°97 1°05 0°80 1°42	0*02	0.52 0.91 1.69 1.70 0.50 1.05 0.35 0.11	0°12 0°10 0°10 0°13	0°38 0°36 0°21 0°20 0°43	0°26 2°50 2°00 0°50 0°64 1°24	0°04 0°05 0°85	2·12 0·40 2·40 0·45 1·15	1.61 0.40 0.17 0.05 1.25	2'17 4'22 4'48 2'13 2'15 0'80 3'04 2'15	0.40 0.06 0.97 0.50 0.96 4.00 0.35	2·20 4·43 1·43 4·60 2·32 0·50 1·00 1·25	3.00 1.16 4.12 2.00 4.00 2.40	0.03 2.00 1.10	0.31 0.72 0.50 0.84 0.47 0.50 0.10	0°49 0°10 0°02 0°22 1°03
		Muzaffarpur	Motihari Bettiah Bagaha Burnurwa Ramnayar Sitamarhi Muzaffarpur Hajipur	0°25 0°12 0°26 0°16	0.40 1.83 0.02 1.31 0.55 0.44 1.20 0.08 0.18	0°10 0°25 2°84 0°47 0°15 0°26 0°33	0°25 1°41 0°23 0°45 2°30 4°50 1°58	0 09 0 01 0 32 0 01 	0.53 0.02	0°80 0°15 0°24 0°58 1°17 0°30 0°34 0°18	0°32 0 02 0°34 0°27 0°74 0°18 0°17	0.07 0.04 0.06 0.53 0.82 0.48	0°14 0°48 1°13 0°13 1°88 1°20 0°87	0.53 0.60 0.35 	0.01 0.13 0.79 0.54 0.21 0.55 0.38 3.00	0.86 2.50 1.64 1.13 1.97 0.71 0.53 1.09	0.36 2.47 0.39 0.70 1.40 4.45 0.52 1.18	0°80 0°40 1°70 0°17 1°17 2°62 4°94 4°00	0.87 0.25 0.72 1.00 0.05 0.78 3.65 1.40	0°16 0°09 0°65 0°01 0°50 0°12 	0°56 0°20 1°20 0°80 0°79 0°17 1°11	0.90 0.15 1.38 0.02 0.56 0.43 0.36 0.68
		Darbhanga	Mahuwa Shiuhar Pupri Tajpur Darbbanga Madhubani Bahera	0.53 0.72 0.04 0.54	1'04 0'46 0'12 1'18 2'46 1'94 1'80	100000000000000000000000000000000000000	0°03 0°36 0°24 0°19 0°19	012	0°20 0°09 0°48	0°10 1°46 1°84 0°24 2°41 1°08 1°18 0°23	0°80 0°46 0°15 1°46 0°79 0°56 0°54 0°07	0°30 0°06 0°22	0.05 2.80 2.60	0.09	0°45 0°22 1°08	2:33 2:70 1:28 3:57 0:50 4:50 0:79	3.95 1.35 0.99 2.59 0.81 1.27 1.11 3.71	1.95 0.62 1.02 2.27 1.37 1.52 1.17 2.35	0°12 1°06 0°61 0°07 1°50 1°17	0°38 0°15 0°05 0°60 0°29 0°18 0°21 0°15	DESCRIPTION OF	1.18 0.31 0.08 0.23 0.23 0.11
Bh ga pu	1-	Monghyr	Monghyr Jamui Gogri Jamalpur Shaikhpura	0.02	0.26		2*95 0*18 0*10 3*14 0*67 1*43	0°08 0°06 0°26 0°14 0°07 0°07	0°04 0°69 2°10 1°86	0°45 0°34 0°31 0°43 0°38	1.65 0.18 0.03 0.25 0.24	0.17	0°15 1°31 2°42 0°48	=	0°11 0°52 2°03 0°17	0°08 0°36 0°32 2°04 0°97	1°12 2°14 4°06 1°98 2°89 2°98 5°00	7'86 8'25 3'72 5'71 8'87 2'50 2'73 3'00		0.55 0.06 0.31 0.45	0.45 2.56 0.47	0°14 0°19 0°16 0°09 0°71 0°07

	Pangal	in	Tanlar	1400
m	Dongar	III	July	1899—continued.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average num- ber of rainy days.	Total rainfall for the mouth	Average rain- fall for the	Heaviest rain- fall during the month.	Total rainfall from 16th May to 31st	Average rain- fall from 16th May to 31st	Station,	District.	Division.	Meteorological
0°18 0°02 0°26 0°30 0°10 0°17 0°08 0°17 0°37 0°15 0°47 0°30	1*16 0*37 0*96 0*70 0*50 1*30 0*09 0*55 1*45 1*02 1*10 1*70 1*00 0*73	1'06 1'23 0'91 0'10 1'45 0'25 0'60 1'35 1'38 0'30 1'20 1'10	0°16 0°46 0°09 0°02 0°04 0°03 0°08 0°75 0°33	3 2·50 9 1·50 7 0·68 4 0·70 1·61 3 0·37 8 3·27 0·68 5 2·56 0·25 0·25 0·25 1·60 1·60	0 0.02 0.47 1.60 1.60 4.05 0.38 2.45 4.76 3.15 1.25 3.10 2.50 1.79	0°20 0°36 0°35 0°46 1°52 1°34 0°93 2°70 1°40 2°80 2°80 2°21	0°22 1°15 2°20 1°42 0°86 1°87 0°50 2°04	0'09 0'40 0'53 0'54 0'03 0'29 3'56 1'30	0°17 0°97 0°04 1°50 0°85 0°25 0°10 0°60 0°35	0:25 0:03 0:06 0:13 0:70 0:07 1:45 0:86 0:60 0:45 1:09	23 19 23 22 22 18 18 27 21 26 16 29 25 20	17:50 18:04 18:31 16:13 18:80 17:19 13:35 19:27 16:00 20:92 14:10 21:00 p	16.22	13'04	4 '05 2 '67 3 '27 4 '76 3 '56 1 '30 4 '80 3 '20	44.54 42.19 31.76 49.38 53.24 38.86 46.34 42.07 75.96 15.23 74.98 37.91	34-61 31-07 32-61 26-48 32-17 38-49 28-22 40-54 33-28 48-86 29-17 70-55	Munshiganj Dacca Narayanganj. Manikganj Jaydebpur Kishorganj Atia (<i>Tangai</i> Mymensingh Jamalpur Netrokona Subarankhali Durgapur Sherepur Tou	Mymensingh		
1°10 1 02 0°57 0°85 6°23 0°30 3°16 2°02 1°28 1°07 2°15 0°20 0°21 0°13	0°42 0°93 1°73 1°09 2°38 1°46 2°62 1°45 1°59 3°34 2°30 0°61 0°93 0°90 0°80	0°32 0°40 0°16 0°09 0°48 0°70 0°64 2°59 0°11 1°21 0°45 2°60 0°23 1°75 0°08	3.74 1.60 1.05 0.06 1.71 1.82 0.01 0.40 1.85 0.64 0.35	0'49 2'35 0'11 0'46 1'62 1'09 1'15 1'21 5'13 1'10 0'45 4'32 0'68	2'42 1'69 0'62 1'35 1'25 0'92 1'51 0'26 0'70 1'05 1'20 1'10 0'58	0°19 0°29 0°38 0°11 0°76 0°89 0°08 0°08 0°10 0°25 1°37 0°28	0°08 0°34 0°58 0°10 0°46 0°26 0°64 1°58 1°44 0°51	0.00 0.02 0.03 0.03 0.02 0.05	0°17 0°18 0°04 1°07	0°25 0°10 0°24 0°24 0°03 0°12 0°02 0°04 0°05 0°36	19 19 21 23 20 19 21 21 22 23 13 22 21 14	17:23 17:16 15:24 22:25 17:85 21:04 19:10 22:68 9 20:60 12:87 19:22 19:24 16:54	19 '09 11 '92 15 '09 17 '09 25 '00 16 '80 21 '47 21 '94 17 '82 27 '10 19 '70 10 '84 15 '39 18 '72 9 '70	? 11·91 12·21 11·43 29·90 15·81 15·76 13·18 17·57 ? 19·65 11·59 16·38 14·70	2'21 3'75 1'94 2'35 2'56 6'23 2'66 4'25 5'61 3'11 5'13 3'20 3'20 3'60 3'13	42.06 49.66 38.37 49.16 44.57 42.79 59.02 46.16 29.59 41.76 41.38	37-84 9 28-70 29-72 27-57 54-50 35-62 36-13 30-32 39-82 9 89-23 31-51 39-68 35-52	Diwanganj, Nalitabari, Madaripur, Faridpur, Goslundo, Patuskhali Pirojpur, Barisal, Gaurnadi, Bhoia, Doulatkhan, Bauphal, Agartola Comilla Chandpur,	Faridpur.		EAST BENGAL.
	0'78 1'15 1'35 1'30 2'30 3'32 2'73 2'30 1'16 2'62 2'85 2'85 1'70 2'40 1'70 1'	0°98 0°40 2°08 0°50 3°05 1°40 3°54 1°64 0°73 3°63 0°65 0°28	0°20 1°95 0°74 4°05 0°37 2°44 0°41 0°10 1°85 0°05 0°35	1'40 2'10 0'65 2'05 5'38 2'83 0'13 1'60 2'23 3'30 2'86 9'40	0.40 2.18 0.60 2.10 1.07 1.53 1.75 0.61 4.70 0.50 0.66 3.04	1.63 1.20 1.05 0.40 2.58 1.60 0.26 0.26 2.42 1.97 0.35 0.20	1.05 0.02 1.80 2.45 1.05 0.54 1.78 3.30 6.85	0.09 0.09 0.09 0.12 0.01 1.25 0.10	0°24 3°52 0°05 0°40 0°02 0°25 0°06 0°21	0°20 0°21 2°05 0°03 0°50 0°10 1°13 1°44 	22 16 24 20 16 25 27 26 22 27 26 22 27	14'10 12'30 15'00 15'10 14'90 20'12 22'58 21'50 20'20 9 9 23'53	17:92 12:61 26:17 10:56 23:27:41:30 41:36 34:65 24:06 45:74 24:34 58:96	8°56 11°32 11°60	1'22 2'66 8'52 2'19 1'30 4'05 5'58 5'17 7'53 5'00 4'70	31'06 37'73 48'72 54'98 34'43 45'67' 70'49 87'50 75'86 49'28 82'21 47'42	32*11 28*49 26*44 28*56 31*43 37:33 53*34 54*63 60*85 39*09 2 2	Brahmanbarii Ramchandra- pur. Nasirnagar. Daudkandi. Kasba. Laksam. Noakhali Fenny. Harishpur. Ramganj. Chhagainaya. Hadya. Laktipur.	. Noakhali.	Chittagong.	EA
30 52 40 09 74 47 75 86 78 50 32 60	1°21 0°72 3°75	4*38 1*42 0*32 5*36 2*20 1*15 3*23 0*45 0*32 0*22 0*80 0*95 0.14 0*55	0°35 0°06 1°88 5°25 3°90 0°40 2°50 0°72 0°36 0°70 0°20 0°25 0°43 0°12	6'92 3'50 2'45 4'04 2'54 0'64 1'47 0'77 0'77 0'68 0'91 1'93 0'40 0'60	0.80 1.43 3:72 2:90 1.30 1.81 1.31 2:50 0.28 0.37 0.47 0.37 0.90 0.80	0°07 1°42 3°05 0°19 0°46 0°26 1°53 0°67 0°14 0°29 0°26 1°05 0°26	0°05 3°25 0°57 0°09 0°16 0°95 0°09 0°32 0°38 	0°18 0°26 0°24 0°25 0°02	0.05 0.05 0.02 0.12 0.08 0.10 0.05	0°06 0°04 0°09 0°18 0°19 0°19 0°95	21 22 20 24 22 23 24 22 24 20 21 20	19:81 22:40 21:10 20:62 P 22:08 ? 13:96 14:53 15:11 13:38 15:11	28°10 36°58 24°15 28°23 22°96 32°66 17°67 14°90 19°21 20°87 21°24 25°13 16°93	23°20 33°71 26°56 17°92 P P 18°58 P 11°75 12°09 12°95 12°12 12°91	9'40 6'92 4'50 3'72 5'36 3'90 7'25 3'23 2'50 4'92 5'05 2'84 7'43	110°27. 71°94 77°86 57.50 62°47 53°12 68°16 45°67 54°03 32°21 34°75 30°63 38°41 29°19	78:67 51:70 63:38 52:98 42:15 P 20:42 20:18 21:37	Cox's Bazar. Chittagong. Kutubdia. Satsanya. Kodala. Fenoa. Mirsarai. Rangamati Bandarban Patna Dinaporo. Bihar. Barh.	Chittagong Hill Tracts.		
90 16 18 80 80 80 80 80 80 80 80 80 80 80 80 80	0°56 0°76 0°62 0°20 0°11 0°35 0°07 0°06 0°08 0°08	0°91 1°83 0°66 0°18 0°07 0°09 0°30 0°26 0°30 0°11 0°20	0°35 0°03 0°28 0°25 1°40 0°54 1°19 0°50 0°06 0°19 	1.65 0.80 0.33 0.50 1.64 2.93 0.77 0.46 0.90 3.50 6.00 4.72 1.45	2.67 1.94 0.67 0.90 2.95 4.13 0.52 0.94 0.18 6.78 3.12 5.05 4.25 0.89	0.51 0.12 0.11 1.08 1.05 0.54 0.03 2.28 0.36 0.45 0.54	0°01 0°03 0°02 0°02 0°04 0°04	0°13 0°16 0°16 0°09 0°40 0°11 		1'23 1'18 0'16 0.65 0'20 1'14 0'10 1'00 0'88 0'37 0'40 0'88	23 19 22 24 18 20 21 18 24 22 18 17 16 19	14 23	16.20 22.01 22.13	11'39 12'75 13'10 11'71 12'60 13'74 11'72 9'66 11'66 12'17 11'68 11'73 12'22 11'06	3-90 2-67 4-90 4-42 3-21 3-10 4-13 2-93 3-45 3-53 6-78 3-50 6-00 4-72	34°07 34°83 36°12 32°46 22°63 32°51 37°11 29°99 35°36 34°78 32°11 31°01 31°58 38°23	21-23 19-26 20-69 19-24 19-25 19-76 17-40 15-18 19-12 18-95 17-45 18-31 17-90 16-95	Bikram. Hilsa. Aurungabad Gaya. Nawada, Jahanabad. Arwal. Daudnngar. Sherghati. Rajauli, Pakri Barawan Buxar Dehri, Bhabhua.			
65 688 687 686 6	0.02 0.18 0.05 0.11 0.94 1.27 1.53 1.06 1.06 1.03	0°15 0°33 0°08 3°44 0°33 0°10 0°56 1°82	3°10 0°50 0°42 1°63 0°25 2°22 0°42 1°50 0°60 0°20 1°60 0°62	3°05 2°00 3°65 3°50 3°16 4°50 5°53 1°53 0°33 0°12 0°57 0°57 0°51 0°15	3°21 3°00 5°78 5°80 6°22 5°84 4°40 7°73 0°16 0°91 0°11 0°82 0°27	3°11 2°15 2°35 2°30 0°80 1°07 3°54 0°76 0°85 0°35 0°35 0°92 0°40	0°17	0°10 0°10 0°10	0.04	1120 1120 1120 1120 1120 1120 1120 1120	24 18 24 16 17 17 21 20 25 22 21 21	10*60 P P P P P P P P P P P P P P P P P P P	18.76	12:11 11:31 7 9 9 9 12:43 11:94 12:06	4*00 3*21 3*42 5*78 5*80 6*22 5*84 5:53 7*73 3*44 4*63 3*00 4*43 4*43	31'29 39'56 36'12 37'25 35'88 29'30 87'44 38'47 35'38 26'18 30'11 27'72 34'60 37'63	19:35 16:41 P P P P P P P P P P P P P P P P P P P	Sasaram. Arrah. Mohanea. Khiri. Ageaon. Ramagar. Koath. Sikraul. Bussawan. Monaharpur. Chawsa. Gopaiganj Siwan. Chapra.	Saran,	Patna.	Вшав.
11 05 15 15 12 16 18 18 18 18	1'72 0'47 2'00 0'05 0'05 0'05 0'05 0'05 0'10 1'13 1'	1.50 0.47 0.11 8.69 5.85 5.60 2.86 2.45 1.04 1.71 0.42	0°45 0°65 1°49 8°40 1°14 0°29 2°48 2°07 0°48 0°10 1°13 0°46	0°42 1°20 0°15 0°65 0°65 1°03 0°43 3°78 0°43 1°42 0°78 0°40 0°20	0°33 3°50 2°30 1°46 2°92 1°33 0°89 0°39 0°13 0°27 0°04 0°02 0°30	0.52 1.85 1.15 0.35 2.65 1.82 0.27 1.10 0.20 0.10 0.15 0.17 0.25	1°38 0°04 0°26 0°75 0°02 0°60 0°77 0°20 0°27	0°30 0°10 0°10 0°10 3°25 1°63 0°71 0°40 0°40 0°09 0°65 0°03 0°02 0°20	0°10 0°05 1°24 0°10 0°44 0°77 0°23 	136 3'05 114 1'00 0'02 1'28 1'96 1'48 1'06 1'81	24 20 26 19 23 24 24 27 19 21 26 22	P P P P P P P P P P P P P P P P P P P	32°08 25°71 31°04 18°24 17°56 35°13 12°23	P P P 13:39 3:83 16:41 11:42 2:62 2:46 2:19 1:71 2:54	4*60 4*10 3*50 4*00 3*69 5*85 5*60 2*86 3*78 2*30 4*50 4*94	31 '86 30 '37 33 '61 31 '21 30 '38 48 '60 46 '75 30 '90 30 '13 28 '41 38 '84 37 '46	24·49 24·24 31·64 21·88 21·25 20·12	Hathwa, Amnaur, Basantpur Darowlee, Bhoreh, Motinari Bettiah, Bagaha, Burhurwa, Ramnagar, Sitamarni Muzaflarpur, Hajipur, Aru,	Champaran. Muzaffarpur.		
10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 45 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 02 3 02 3 02 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0		0.03 0.03 0.13 0.02	0.78	0°25 0;06 0°11 0°41 0°26 0°20 0°58 0°16 0°34 0°15 0°22 0°21 12°53	0°22 0°46 0.69 1°32 1°30 1°39 0°16 0°88 0°45 1°21 0°54	0°93 0 0°27 0 0°09 0 0°04 0 0°32 1 0°11 0 0°17 0 1°09 0 0°25 0 0°68 0	"23 "03 "19 "40 "10 "04 "02 0	20 10 10 02	19 18 23 21 20 20 21 21 18 23 19 22 12	11.00 1 11.57 1 13.24 2 14.20 1 12.92 2 14.27 2 14.57 2 15.65 2 16.76 3 13.30 2 9.20 2	4.05 1 1.82 3 5.17 1 7.06 1 3.03 1 5.05 1 3.18 1 4.11 1 8.43 1 0.15 1 1.44 1	1.18 4.00 2.52 2.39 3.05 3.05	3:95 2:70 1:84 3:57 2:46 4:50 4:30 3:71 7:86 8:25 4:58 5:71 8:87 3:50 5:90	38'43 32'27 42'07 39'13 34'40 43'47	21'10 M 19'59 S 24'43 H 21'26 H 22'16 M 22'28 H 19'62 H 21'71 J 21'66 J 25'82 G	fahuwa, hiuhar, 'upri, 'ajpur barbhanga, iadhubani, 'ahera, osera,	Darbhanga.	Shagal-pur,	

														Tau	10.0	1 Ive	PITITE		ecor	aou	000	Suar	TOD
DIVISION.	Division.	District.	Station.	1	2	3	4	.5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
i	- (Bhagalpur	Madhipura Bongaon		1"27	0.23	1.60	=	0.22	0.38	0°41 0°58	0.72	0.37	0.25	=	2.93	0.77 2.10	1·28 3·40	1.30 4.08	0.20	0.49	0°18 1°38	0.8
			(Syfabad). Supaul Pratapganj	1.43	0.85 0.16	0.03	0°94 0°70	0.04	0*48	0.67	0.63 1.15 0.38	0.25 0.44 0.16	0.53 0.04 0.40	0.24	0.02	1.75 0.54 1.13	0.20 0.35 2.85	0.78 0.89 5.97	0°24 0°26 1°65	0°23 1456 0°33	0.65	0.71 0.73 0.62	000
1	cluded.		Banka	0.10	0.51	0:02 2:64 0:16	0.65	0.02 0.62 0.26	0°27 2°09	1.45	1.00 0.75	0.17	0.71 0.12	0.01	0.42 0.60 0.11	1.81 0.55	1.64 1.20 3.55	4.93 5.00 0.19	0°34 2°05 0°35	0.11 0.10 2.10	2·57 2·25	0.64 0.25 1.09	34
	conch	Purnea	Colgong Bansil Kishanganj	1.75	3.73 0.30	0°25 0°27 0°16	0.31 0.31	0.10	0'46	0.78	0°06 0°66 1°07	0.00	0°11 1°07	0'19	0.65	0.32	0.93	0.20 0.61 0.50	0.20 2.73 1.64	0·11 0·17 0·35	0.12	2.40	0.1
3	pur		Purnes Gondwara	0.80		0.20	2°37 0°23	1.90	0.00	0.20	1.07	2.58	0.60	0.18	0.57	2.22	1.60 0.13	0.09	1.43	1.10	0.39	0.26 1.70	47
1	Bhagalpur		(Korah). Barsoe Forbesganj	0.10	0.23 0.47	0.08	0.75	0.05	0.69	0.71 0.40	0.10 0.73 0.20	0.02 0.02	0:90 0:70	1'40 0'95	0.20 0.40 2.12	9.60 0.30 1.40	0°23 0°60 0°45	0.85 0.82	0°36 1°15	0.50	0.40	0.12 0.65	0.0
1	B	Malda	Kaliaganj Malda Chancial	0.06 0.12 0.00	0.05 1.02	0.36 1.28 0.30	0.69	0.03	0.27	2.70 2.52 1.96	1.25 2.86 2.69	0.30	0.73 3.97 0.94	0.02	0 05 0 21 0 16	0°38 1°47 0°04	0.30	0.52 1.10	0:71 1:2 0:60	0 13 1 10 0 27	0.66 0.45 0.26	0.05	0
1			Gajol Sibganj Rajmahal	0.03	0.04 0.49 0.08	0°28 1°75 0°08	0.06	0.10	0.524 0.07	0:40 3:24	2.40	0.29	0.73 0.30 0.04		0.03	0.01	1°40 1°07	1:43 2:67	3.00	0.86 0.51 0.67	1.00 0.21 0.95	0.77	0 0
1	,	Sonthal Par-	Godda Pakaur	0.01	0.44	0.30	0.25 1.23	1:25 0:0: 0:90	2:55 1:20 0:02	0.43 1.11	0.38 0.31 0.20	0.75	0.36	0°17 1°62	0.02	1.67 2.94	1.57 1.20 5.94	1:38 3:11 4:69	0.01	0.62 0.62	0.15	0.02	0 0
			Naya Dumka Deoghur Jamtara	0.20	=	0.64	=	0.00	0*87 0*90	1'04 2'41 1'24	0.44 0.85 0.44	1.65	0.12	0.07	0.62	0°65 0°60	275	3.00 6.02	1.01	0.60	0.39 0.73 1.01	0.22	3
			Mohagama Nanihat Assenboni	0.40	1.00		0°30 0°14	0.50	0.20 0.20 0.20	0.40	0.43	0°45 0°40 5°08	0.10 0.00	0.60	0.36	0.2 1.2 0.42	0.80 5:50 1:33	2.15	0.16	0.55 1.67 0.60	3°30 0°07 1°67.	0.22	0 2
			Katikund Madhupur	=	0.76	0.10		1.06	0.02	0.10	0.15		2.35	0.13 1.86 0.08	0°31 0°32 0°40	0.39 0.58	3'81 4'10 2'99	2°29 1°03 2'84	0.01	0.03	0.70 1.65 2.56	1.04	0
			Sarath Barkope	=	0.30	0.50	0.10 0.45	2.20	0.60 0.25	2.80	0°61 0°75	0.16	0.18	0.51	0.1	1.53 0.78 0.30	1.03 1.30 0.50	1.40 1.75 5.30	2.20 1.88 0.06	0.15	0.12	0.52	0 0 1
			Bhagya Mohespore Barharwa		1:39	0.05	0.07	0.50	0.08	1.45 0.40 2.30	1.28 0.94	0.36 0.36	0°14 1°55	=	0.09	2.16	0.63	2:50 1:00	0.70	0.09	0.15	=	0 0 1
		Cuttack	Sahibyanj Bario Jagatsingpur	0.30	0.82	0.53	1.20 0.28 1.12	3.72 0.66 0.38	0°55 0°27 0°03	0.16	0.03	0.52	0°25 0°75 0°03	0.28 0.44 0.04	0.51 0.88 0.21	3.46 0.50 0.50	2:17 0:02 0:57	0.10	0.31	0.35	90.06	0.13 0.10 0.13	0 0 0
		Cuttack	Banki Cuttack False Point	1.10	1 ::	1.52	0.71	1.60	0°13 0°94 0°25	0.28 0.28 0.38		-		0.30 0.04 0.64	0.08 0.27 0.45	0.45 0.60 0.78	1.25 0.38 0.75	0.04	0.66	0.25	0.31	0.00	0
			Kendrapara Jajpur Dharmsala	0.11	1	0.24	0.85	0.12 0.12	0.10	0.20	0.10	=	0.06	0.82	0.08 1.65 1.00	1:72 1:56 0:70	0.62 0.65	04	0.02	0°01 0°48	0.77 0.12	0.03	0.
2	.888.		Salipore Pal Lahara	0.85	2.66 3.82	0°12 1°95 0°05	1.02	0°24 0°39 0°46	0°28 0°85 0°14	0.00	0.12	=	0.06	0°32 0°38 0°13	5.97 0.12 0.25	3:32	1.85		0.15	0.03	0.02	0.64	0
}	Orises	Balasore	Akhyapada Chandbali Bhadrak	1:35 0:34 0:18	0.93	1.09 0.62	2.67	0°24 0°64 2°10	0°87 1°56	0.82 0.14 0.46	0.02	:			0°47 4°50	0.95 0.40 2.65	2:85 1:12 1:07	0.00	0.09	1.26	0.08	=	0
			Balasore Jeliasore	1.06	0°82 0°92 0°02	7	0.13	4.64	2·22 1·58 0·85	0.60 4.47 3.70		0*12	-		0'14	1 22 1 03 0 27	2.25 0.85 1.10	0.05 0.17 0.15	0.25 0.88 0.15	3:32 1:00 2:60	0.02	=	
		Puri	Baripada Puri	0.11 0.60 0.25		0.05	0.35	2.00 0.78 0.07	0.13	0.03	0.44	:		0.03	1.20 2.05 0.75	0°85 1°06 0°52	0.08 0.30 0.02	=	0.05	0.12 0.55 0.00	0.03		0 0
			Bhanpur Gop	0.04 0.42 0.03		0.22	0.07	1.60	0°04 0°15 0°04	=	0.05	=	1	0:04	0.24	0'80 0'54	0.50	0.05		0.41	0.26	0.43	0 0
			Pipli Nayagarh	0.45	3.68	0.38	0.24	1°35 0°04 0°18	0.0	0.08	0.08	=	1	0.69	1.22	0.22 0.22 0.88	0.06 0.10	=	=	1:23	0"11	-	0
		Hazaribagh	Kanas Pachamba	0.65		0.11	0.30	0.16	0.66	2.26	0.24	0.22	0.53	0.38	0.00	0.43	1.64	1.60	-	-	0.76	0.12	1
		Hazaribaga	(Giridih). Hazaribagh Barhi	0.06	1	1:31	1.71 2.59		0.35	2·19 0·26	0.50 0.05 1.24	0°15 0°28 0°10	0.05	0.00 0.30 1.20	0.71 2.02 3.47	0°18 1°55 0°29	0.72 0.81 0.64	0.35 0.57 0.42	0.38	0.13 0.50 0.00	1.86 0.25 0.29	0.64 0.69	0 2
			Chatra karagdeha	2.02		=	0·19 1·40 4·96	0.46	1.20	0.30	0.20	-	1.20	0.07	1°20 3°36 0°76	0.32	3.20	0.19	1::	0.40	0.50	0'50	0 0 1
		Ranchi	Lonardaga	0.10	0.97 1.39 0.15	2.40 0.02 0.20	0.53	1 ::	0.09 0.21	0.47 1.78 1.70	0.05	=	1	2.54	1 59 2 20	0.25	0.06	0°65 2°30	0.07	1.90 0.12	0.20	0 23	9
			Silli Palkot Tamar	0.98	0.22	0.55 0.10 0.37	0.30 0.49	0.09	0.74 0.32 1.33	1.75 0.83 1.48	1.92	1.8	=	0.96 2.25	0.39	2.05	0.42	0.85 5.12	0.29	2.36 0.05	0.22	1.23	0
			Chainpur Sirguja Jashpur	0.26	A	0.12	2.32	1.41	0.84	0.56 1.46		-	0.65	0.37		0.68 2.96	0.28	0:33	-	0.64	0.12	1.79 0.84	0.
1		Palamau	Gangpur Palamau (Daltonganj)	""	0.80	1.30	0.10	0.65	2.91	1.30	-		0 15	0.16	0.80	0.40	0.06	4.32 0.10	0.01	0.07	1.27	0.15	1
	ur.		Balumath Husainabad Mahuadand	0.85	0.67	1.00	0.11	110	1.00	0.60	0.80	::	0.06	0.30 0.15		0.60 0.60	1.50 1.50 1.42	5.00 2.50 1.50	0°41 0°13	**	0°21 1°14	0.50	0.
	Nagpur.		Garnwa	=	1	0°30 0°40 0°55	0.21	0.12	0.06 0.37	1.57 3.11 0.57	0.45	=	0.03	0.10	0.35	0.11	0.60	2.10	0.19	010	1.40	2.48 0.23 0.15	0 0
	Chots		Latehar Nagarantari Ranka	0.02	0.40	1:80 0:07 1:69		0.08	0°54 0°60 0°54	2:33 4:80 5:49	0:30 0:13	0.06	0.04	0.10	0.52 0.62 0.52	0.03	0.30	0°34 0°75 0°56	0.11	1.60	1:93 3 00 0:48	0.18	1
1		Manbhum	Chatterpur Purulia Gobindpur	0.19	=	0.85	0.10	0.06	0.14 0.20 0.50	1.85 0.23 0.53	0°10 0°22 0°70	0*75	0.04 1.25 0.30	0°17 0°17 1°50	1.72 0.13 0.10	0 03 0 58 0 40	0.55 1.14 1.40	2.45 1.40 1.30	0.15	1.00 0.02 1.10	0.90	0.08	0
			Raghunathpur Barahbhum	0.05	0.50	0.05	0°25 1°98	0.02 0.02	4.80 0.47	1.85	1.04	1.70	0.03	0°80 0°64 0°24	0.75 2.30 0.26	0.05	0.09 0.09	0.78 0.86 0.71	0.08	1.12 0.61 3.72	0°22 0°72 0°83	-	
		81-111	Chas	0.01	0.64	0.41	0.46	0°55 0°14	0.30 0.32 0.48	1.15 1.92	0.02	0.52	1.73	0.62 0.03 0.03	0.13	0.20 0.20	2 32 0.62 0.65	1·12 0·21 0·16	0.16	0.71	1.38	0.01	0.
		Singhbhum	Chaibassa Chakardhar, pur.	0.52	0.55	0.52	0.02	0.04	0.62	0.28	0.03	0.50			0.87	0.15	0.45		0.69	1:70	0.65	0.12	0
			Ghatsila Baharagura Gailkura	0.26	1.80	0.32		0.36	1.76	0.58	0.88	0.08	0.47	0.12	2.75 0 60 0.24	0.37	0°73 0°55 0°10	0°14 0°30 0°72	0.06 0.08	0.22	0.86 0.19 0.47	1.35 0.06 0.76	0.
		Orisea Tribu-	Kalikapur Monaharpur	0°26 1°03	0.14	0.66	1.07	0.85 5.98	0.56	0.96 2.50	0.70	0.12	0.31	0.79	1.07	1.53	2.07	0.12	0.39	1:33	0.03	0.09	2
		tary Mehals.	Anandpur		0.23	0.12	1.32	0.15 0.15	0.65	1.15		0.07	0.19	0.06	0.82	2.29	0.03		-		.0.38	0.16	0.
			Narsingpur Angul Dhefikanal	0.40			0.75 0.43	0.527 1.30	0.09	0.30	=		0*25	0.63	0.50 0.86	1.05	0.42		0.29	0.09	0.03	0.15	0.1
			Bishpara Kunjabongarh, Baramba	1.70	0.55	1.00		0*16		0.36 0.27	0.01	:		0.38	0.70	0'34 2'15	0.64 0.67	0.03	0.01			0°10 0°15	0.1
			Baisenga	0.10	0.02		0.08	0.48	0.08	0 21	0.01	95.62											

						-					of s.	num- rainy	fall oth.	the	rain- uring nth.	ofall 16th 31st	eth 6th 31st				ics]
1	22	23	24	25	26	27	28	29	30	31	Number crainy days.	Average nu ber of rai days.	Total rainfall for the month	Average raifall for the month,	Heaviest raifall duri	Total rainf from 16 May to 3 July 1899.	Average rafall from I May to 3 July.	Station.	District.	Division.	Meteorologics]
27	0.03	2·48 1·02	0.57 0.25	1.53 0.84	0.72	0.24 0.80	1.80 2.66	0.46	0°28 0°75	:::	23 16	14.53 P	20.65		2·93 4·09	36·33 35·15	233	Madhipura Bongaon	Bhagalpur.	h	1
112 123 170 165 132 109 145 110	0°11 3°80 4°73 0°09 1°10 0°23 0°43 	1.69 1.47 0.60 0.33 1.11 1.10 3.12 0.57 0.42	0.98- 0.34 1.51 1.25 0.70 0.33 0.12 0.10 2.50	1'50 1'29 0'05 1'28 0'43 0'75 4'47 2'60 0'91 0'35	2:44 0:31 0:03 0:91 0:20 1:35 0:75 0:52 0:41 0:97	1:00 1:93 1:19 1:41 0:30 0:40 1:09 2:63 1:30 0:66	2.75 0.86 1.13 0.35 1.50 0.41 1.20 0.90 1.32 0.83	1.02 0.28 1.89 0.52 0.75 0.40 0.10 0.69 0.11	0.63 0.12 0.01 0.08 0.32 0.47	0.05	24 22 21 25 22 23 24 26 26 22	14.62 15.00 15.61 16.65 16.27 9 17.84 16.48 17.00 16.44	28°34 30°88 23°22 20°80 21°06 24°59 23°97 18°00	16·12 12·73 11·63 12·88 9 18·71 17·10 15·12	2·75 1·93 5·97 4·93 5·00 3·65 4·47 3·12 4·11 2·28	33°84 30°07 36°90 38°17 34°67 29°50 48°38 52°76 40°44 33°85	22:97 29:77 21:96 21:30 23:85 \$ 37:88 33:51 28:65 27:81	(Syfabad), Sapaul. Protabganj, Bhagalpur. Banka. Colgong. Bansil. Kishanganj Araria. Purnea. Gondwara (Korah).	Purnea.	Bhagalpur-concluded.	Company of the Compan
90 18 40 10 10 59 77 70 48 19 65 13 37 22 28 31 31 32 31 32 33 55 58 33 58 58 58 58 58 58 58 58 58 58 58 58 58	0 '50 2 1 1 2 1 2 1 1 2 1 2 1 1 2 1 2 1 1 2 1 2 1 1 2	0°30 4°46 2°25 3°38 1°90 2°27 1°87 1°70 1°71 1°73 1°75 1°77 1°75 1°71 1°71 1°71 1°71 1°71	0°50 0°07 0°37 0°35 0°38 0°38 0°38 0°26 0°26 0°29 2°05 0°11 1°15 0°43 0°85 0°11 1°15 2°18	310 015 016 121 086 078 078 078 078 078 078 078 078 078 078	0.35 0.00 1.46 0.39 0.55 0.20 0.55 0.20 0.55 0.20 0.49 4.03 0.40 1.94 1.13 0.87 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.7	0 30 1 1 2 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0 20 0 0 65 3 40 0 31 1 76 6 0 66 6 0 66 6 6 0 6 6 6 6 6 6 6 6	0°10 0°35 3°15 0°13 1°35 0°09 0°22 1°67 0°54 0°12 1°66 0°50 0°50 0°50 0°50 0°50 0°50 0°50 0	0.83 0.55 0.17 0.68 0.18 0.19 0.64 0.19 0.64 0.05 0.03 0.05 0.07 0.07 0.07 0.07 0.07 0.07 0.07	0°95 0°31 0°30 0°30 0°46 0°46 0°46 0°46 0°47 0°47 0°47 0°47 0°47 0°47 0°47 0°47	199 25 28 28 28 24 22 21 21 23 23 25 20 22 24 19 26 26 26 26 26 26 26 26 26 26 26 26 26	P P P P P P P P P P P P P P P P P P P	6.60	23:18 11:95 14:74 14:98 11:93 12:70 12:23 13:59 13:71 13:90 14:49 7 11:58 7 7 7 7 7 7 11:08 7 7 11:08 7 7 11:08 7 7 11:08 7 7 11:08 7 7 11:08 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	9*60 4*46 3*340 4*36 3*397 2*69 2*40 3*26 5*94 2*67 1*90 6*05 3*30 5*50 5*50 5*50 4*10 2*50 2*50 2*50 3*72 2*50 1*60 1*76 1*76 1*76 1*76 2*66 5*94	35-18 35-79 35-79 36-73 36-76 31-68 34-76 45-10 42-15 30-86 25-76 38-70		Barsoe. Forbesganj. Kaliaganj. Malda Chanchal. Gajol. Sibganj. Rajmahal Godds. Pakaur. Naya Dumka. Deoghur. Jambara. Mohagama. Nanihat. Assenboni. Katikund. Madhupur. Sarwan. Sarath. Barkope. Barharwa. Mohespore. Barharwa. Sahibganj. Bario. Jagatsingpur. Banki. Cuttack. False Point. Kendrapara. Jajpur. Dharmsala. Salipore.	Sonthal Par	•	
766 553 221 550 773 771 1166 11	0.08 0.08 0.09 0.02 0.18 0.44 0.97 0.59 0.50 0.68 0.52 0.05 1.45 0.55	0.66 0.10 0.03 0.31 0.53 1.07 0.05	0°26 0°07 0°08 1°75 0°50 0°22 0°30	0°11 0°09 0°07 0°85 0°88 2°17 2°52 0°96 0°36 0°65 0°65 1°00	0°08 0°14 1°70 0°95 1°87 0°10 0°85	0'48 0'02 0'30	0°10 0°66 2°98	0°19 0°85 0°12 0°03 0°48 10°88 0°77 1°70 0°42 0°53	0:18 0:50 0:17 1:80 0:75 3:25 0:20 1:31 0:30 0:23 0:15 0:33 0:42 0:08	0°59 0°11 0°05 2°45 0°56 1°54 1°17 1°70 0°80 1°65 0°35 0°75 1°42 0°90	17 13 14 13 14 17 17 10 16 13 14 10 15 13 16 12 23	13·54 13·52 13·54 13·91 15·08 14·13 17·88 13·04 16·31 12·24 12·40 9 12·22 9	7'80 11'62 9'35 18'02 15'99 21'39 20'34 5'65 12'52 11'78 8'75 3'66 11'20 12'69 13'04 8'48 17'71	10.05 11.78 11.92 11.22 13.04 13.60 13.02 9.80 12.83 10.61 10.53 9	2:36 2:85 2:85 2:67 4:50 3:32 4:64 3:70 1:20 2:17 2:52 1:70 0:80 1:65 3:68 2:98 1:85	24'30 24'86 21'83 28'76 33'57 30'14 45'21 10'03 18'24 18'12 16'18 14'30 18'29 20'24 23'33 15'12	22·22 22·67 25·13 23·11 25·44 24·95 26·41 19·89 24·95 19·70 22·15 2 22·09 9	Akhyapada Chandbali. Bhadrak. Soro. Balasore. Jelhasore. Baripada. Puri Khurda. Banpur. Gop. Satpara. Pipli. Nayagarh. Kanpur. Kanas. Pachamba	. Puri. Hazarfbagh.	Orissa	1
12 16 18 19 10 12 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	0°16 0°39 1°41 1°60 0°45 0°42 1°13 1°35 0°04 0°50 	0.08 0.62 0.61 0.05 0.05 0.53 2.00 0.01	0.09 0.42 1.18 0.50 0.09 0.14 0.50 2.50 1.03 	0.78 1.62 1.06 0.25 0.51 2.15 0.39 0.07 0.33 0.35	1.58 2.77 2.06 0.25 0.37 0.31 0.07 0.69 	1.77 0.35 0.50 2.50 0.02 0.07 0.03 0.25 0.03 0.77	0°09 0°05 0°04 0°58 0°95	0°12 0°10 0°10 1°16 0°83 0°28 2°00 *	0°30 0°47 0°10	0°19 0°24 0°42 0°30 0°20 0°09 0°85	22 24 21 23 11 17 13 14 21 17 20 14 14	18.88 16.36 17.70 16.40 13.89 18.25 19.34 14.22 19.20 20.69 21.43 19.07 16.54	17'64 18'86 25'53 24'20 14'95 12'86 12'81 10'63 21'05' 14'83 14'08 19'96 14'66	12:70 14:16 13:21 16:20 15:27 14:61 12:89 14:80 13:71 9 P 17:61 16:24 16:74 12:92	2:26 2:19 2:77 7:32 3:20 4:96 2:40 1:91 2:27 2:73 2:25	30'56 38'37' 31'26' 39'23' 39'86' ? 28'50' 25'21' 21'72' 35'21' 25'40' 24'43' 31'94' 24'31'	23·20 23·2./ 20·80 24·19 25·80 24·18 22·30 24·64 23·11 P P 27·82 29·34 27·11 19·82	(Giridih), Hazaribagh, Barhi, Chatra, Karaxdeha, Ramgar, Lohardaga Ranchi, Silli, Palkot, Tumar, Chainpur, Sirguja, Jashpur, Gangpur, Pala mau	Ranchi,		
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SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE MONTH OF JULY 1899.

Weather during the past month was remarkable on account of the complete absence of cyclonic storms over the Bay, and for the almost continuous low pressure over the Prevince, Assam and Burma. As no depression of any depth passed inland from the sea, the variations of pressure or the differences from the normal were generally small or of moderate amount; but as the defect was continuous and westerly winds prevailed over the western districts, the moist southerly winds from the Bay, which were quite up to average strength, failed to obtain the usual outlet north-westward up the Ganjetic plain. The result was heavy general rainfall over the greater part of the Province, with a more irregular distribution than in ordinary years.

The part of the Province where defect in rainfall was greatest was naturally in the south-western districts, including Orissa and the south of Chota Nagpur, where the south-westerly winds were most prevalent. The deficiency, however, was in nearly all cases small, as may be seen from Orissa receiving on an average for the whole Division 99 per cent. of the normal for the month, and Chota Nagpur 110 per cent., the excess in the latter being due to the heavier falls in the north of the Division.

A very noticeable peculiarity in the rainfall distribution is that in sub-montane districts, whether in the east or north of the Province, and probably over the lower ranges of the hills, falls were in almost all cases in slight defect, whereas at higher levels, as in the Darjeeling hills, there was a fairly large excess. A marked contrast is shown between Baxa and Darjeeling, at the former of which there was defect of 16 inches and at the latter excess of 11 inches. This slight deficiency extended along the foot of the Himalayas as far as Darbhanga, but from there excess steadily increased, and was greatest in Champaran and Bettia.

Though no cyclonic storm occurred over the Bay, depressions were not wanting inland, and during the latter half of the month a continuous slight depression obtained over Bihar. The first depression began about the 4th in the north of the Bay owing to a rapid fall of pressure in the east. It remained diffused, but moving northwards instead of to the west, it caused heavy general rain in Bengal. When the recovery of pressure began in Burma, and the east of the Province a day or two later, the depression became better defined and moved rapidly westward on the 7th, after which the pressure distribution was normal and rainfall was neither so heavy nor general.

Pressure again fell in the east on the 9th, and as defect in that region slowly but steadily intensified during the subsequent days, the conditions of the beginning of the month were almost restored. The low pressure concentrated and the second shallow depression of the month began over Lower Bengal on the 13th, the area of defect, somewhat over '15 inch, extending eastwards from Calcutta. This depression followed a more westerly course than the previous one, but it filled up over the central districts and westerly winds continued unchanged in Orissa, Chota Nagpur, and the west of Bihar. On the morning of the 14th, the depression was well defined with a centre near Krishnagar, and pressure was in defect over the whole of Bengal Proper by amounts up to a fifth of an inch. On the 15th, after a rapid rise, the depression was faint with a centre near Naya Dumka, and on the 16th the distribution was practically normal.

During these days, between the 13th and 16th, heavy general rain fell over the whole Province. The heaviest falls were in Bihar, more especially on the 15th, when the depression was filling up. In Monghyr on that date a large proportion of the rainfall stations received amounts varying from 4 to 8 inches, and the smallest fall was 2.5 inches.

After the middle of the month a slight depression formed over the north-west of the Province, with a fairly regular cyclonic circulation of light winds. The monsoon winds from the Bay were not so strong as in the early part of the month, but the cyclonic circulation and a slight oscillatory movement of the area of lowest pressure was sufficient to maintain continuous rainfall in all except the south-western districts. Pressure rose somewhat towards the end of the third week, when there was excess of nearly a tenth of an inch over the Province and the north of the Bay. This excess continued for a few days only. A rapid fall in Bihar was followed by a slight depression, and further heavy rainfall in that area about the 25th and 26th, after which the high pressure was restored and became an important feature of the weather conditions not only for the remaining days of July, but well into August.

With the development of high pressure at the end of the month, rainfall to a large extent ceased, but there were still cloudy skies and light scattered showers, and temperature was not above the normal except by small amounts in Bengal Proper. In the western districts on the last day of the month there was still a moderate defect.

Pressure was relatively low in Burma, Assam and Bengal Proper during a great part of the month, and at times defect at eastern stations was very little under 2 inch. In the south-western districts, on the other hand, readings were more frequently in excess. The average difference from the normal varies from excess of 02 inch at Cuttack to defect of about 04 inch in the east.

It was low almost continuously in the early part of the month, but during the latter half there was a tendency for high pressure to develop. It did not become established till towards the close, when high pressure prevailed over the province and the north of the Bay, and the distribution became more uniform than is usual at the end of July.

Temperature.—As a marked feature of the prevailing weather conditions was heavy cloud with frequent rainfall, temperature was generally low, especially during the day. Maximum temperature on an average for the month was below the normal, except at a few of the more southern stations, and in the west of Bihar there was a large defect, as much as 5° at some stations. Minimum temperature was practically normal, except in the west of Bihar, where on an average for the month there was defect of 1° to 2°.

Mean temperature was practically normal in Bengal, Orissa, and Chota Nagpur, defect in all divisions being less than half a degree. In Assam there was defect of 1° and in Bihar of 2°.

Rainfall has been exceptionally heavy and continuous over a great part of the province, and even in the south-western districts, where it was least in amount, it all but reached the average fall. In Orissa on an average for the whole division the defect was only 13 inch. In Chota Nagpur there was excess of 1.35 inches, in North Bengal 3.87, in East Bengal 4.32, in South-West Bengal 6.55, and in Bihar 8.68.

As thunderstorms with heavy local falls were much more numerous than usual over a great part of the province, the distribution of rainfall is marked by greater irregularity than in ordinary years, when the monsoon current in July passes freely over the province towards North-West India, and is not subjected to the frequent checks which have been a marked feature of the past month. Though the individual falls are irregular, the averages are more uniform than usual, the various divisions of Bengal Proper and Bihar receiving almost similar amounts. South-West Bengal received on an average 18:68 inches, North Bengal 20:61, Bihar 21:7, and East Bengal 21:88.

As the falls have been so irregular no general idea can be given of the distribution, except by the tabular statement which precedes this, but it may be noticed that there were, much the same as in June, three centres of heavy rainfall—one in South-West Bengal, in which falls were 10 to 15 inches in excess, one in North Bengal, and the third in the west of Bihar, where excess amounts were of similar magnitude, viz., 10 to 15 inches.

The greatest defect was 4 inches in the south of Orissa, and the area of deficient rainfall included the whole of that division, except part of Balasore district and the south of Chota Nagpur, where defect varied up to 3 inches.

In North Bengal, the extreme north of Bihar, and near the Garo and Tippera Hill regions rainfall was slightly below the normal, the differences being 1 to 2 inches, except at Siliguri and Baxa, where defect was 9 and 16 inches, respectively.

The following table gives a comparison of the falls in the various divisions during the month of July with the normal fall, the actual being given as a percentage of the normal fall. The table also shows the actual falls for each of the previous months of the year expressed in the same way, and the last column of the table shows the total of the falls of the past seven months of the year in each division expressed as a percentage of the normal fall:—

METEOROLOGICAL DIVISIONS.	January.	February.	March.	April.	May.	June.	July.	Actual rainfall of first seven months of 1899 expressed as a percentage of the normal fall for the period.
South-West Bengal North Bengal East , Bihar Orissa Chota Nagpur	230	52	17	135	116	122	154	128
	270	49	112	93	85	127	123	115
	300	169	51	155	137	104	125	122
	224	56	17	288	101	143	167	152
	49	38	10	357	144	93	99	108
	164	24	Nil	255	85	154	110	118

The following table gives full data for the comparison of the actual and normal rainfall of the month of July in all districts of the Province. The figures are derived from the

average and actual rainfall of the rain-recording stations in each district, due allowance being made for the area which each station represents. This gives a more accurate average than the arithmetical means given in the monthly meteorological tables. The first column gives the normal or average district rainfall as determined from the rainfall observations of the past 25 years; the second column gives the actual district rainfall as determined from the weighted actual rainfalls of the month at the reporting stations in each district; the third column expresses the ratio of the actual district rainfall of the past month to the normal rainfall as a percentage; and the fourth column gives the same information in a slightly different form, expressing as a percentage how much the district rainfall varied in excess or in defect from the normal rainfall:—

Percentage Table for July 1899.

DIVISION.	Distric	т.			Normal district rainfall for July,	Actual district rainfall for July 1899.	Percentage of actual to normal rainfall.	Percentage, excess (+), defect (-).
	Burdwan				11.88	22.20	187	+ 87
	Birbhum	***			12.57	18.63	148	+ 48
	Bankura				12.67	14.42	114	+ 14
	Midnapore				12·19 12·00	22·61 23·73	185 198	+ 88
	Hooghly Howrah				12:00	21.35	178	+ 78
outh-West Bengal	24-Parganas				12:37	19.77	160	+ 60
	Calcutta	***			12.46	21.47	172	+ 73
	Nadia	***			10.21	19.23	183	+ 83
#	Murshidabad	***			11.27	15.45	137	+ 3
	Jessore				10.54	18.39	174	+ 7
	Khulna	•••		"	12.82	17.63	138	+ 3
	Rajshahi				12:02	15.45.	129	+ 2
	Dinajpur				14·29 30·38	27 49	192	+ 9
	Jalpaiguri Darjeeling	•••			30.38	27·31 33·02	109	- 1
North Bengal	Cooch Behar				24.49	23.04	92	<u>+</u>
	Rangpur				15:56	15.65	101	+
	Bogra				13.23	21.87	165	+ 6
	Pabna				11.13	16.52	148	+ 4
	Dacca				13.31	15:18	* 114	+ 1
	Mymensingh				15.55	21.47	138	+ 3
	Faridpur				11.93	14.20	119	+ 1
Faut Dance)	Backergunge				20.33	21.06	104	+
East Bengal	Tippera	***			14.24	16.26	114	+ 1
	Noakhali				23.47	40 08	171	+ 7
	Chittagong Hills Tra	icts			29·80 18·58	38·96 17·67	95	+ 3
	Petro				12.40	91:64	174	
	Patna Gaya	•••			12:27	21.64 19.47	174	+ 7
	Shahabad				11.65	21.34	183	+ 5 + 8
	Saran				12.14	21.89	180	+ 8
	Champaran				14.17	25.65	181	+ 8
Yl	Muzaffarpur	***			12.38			
Bihar	Darbhanga	***			12.34	23.08	187	+ 8
	Monghyr				13.31	26.30	198	+ 9
	Bhagalpur	•••			12.73	24.42	192	+ 9
	Purnea Malda	•••			17.01	24·03 18·79	141	+ 4
	Sonthal Parganas				13.44	23.50	153 172	+ 5 + 7
	Cuttack				11.69			
Orissa	Balasore	***			12.20	14.13	116	+ 1
Jrissa	Puri				10.89	9.22	85	- 1
	Hazaribagh				13.98	18.63	133	+ 3:
	Ranchi				13.05	12.76	99	+ 3
Chota Nagpur	Palamau				13.53	14.85	110	+ 10
or	Manbhum	***			13.38	15.23	116	+ 10
	Singhbhum	***	Distance Comme		13.76	10.21	74	- 2

SUPPLEMENT TO THE CALCUTTA GAZETTE, AUGUST 16, 1899. 1435

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the month of July 1899:—

			TEMP	BRATI	RE.					RAIN	FALL.			
	g month.	month,	A	verage	s for h.	f month above mean of month.		Of mo	nth.	R	ainy d	ays.	Sine Ma	e 16t
METEOROLOGICAL DIVISIONS.	Highest observed during month.	Lowest observed during month,	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of month or below normal mean of	Average.	Normal average.	Variation.	Average number in month.	Normal average num- ber in month.	Variation,	Average.	Normal average,
South-West Bengal	96.9	72.2	88'8	78.7	83.8	-0.3								1
North Bengal	97.2	71.7	88.0	78'3	200	PA PASSA	18.68	12'13	+6.22	18.67	16'44	+2.23	35.93	25.80
East ,,	00.0	72'1	1300 B	40.10	83.4	-0.3	20.61	16.74	+3.87	20.69	16.24	+4*45	48*67	39.81
Bihar			86.8	77.6	82.2	-0.1	21.88	17.56	+4'32	21'44	18:30	+3'14	50.76	39.89
Deigon	951	71.3	87.1	78.0	83.6	-1.9	21.70	13.02	+8.68	21.57	14.62	+6.95	174 3	22.65
	96.7	73'8	89.0	78.5	83*8	.0	11.24	11'67	-013	15.35	14.18	+1.17	1.001	
Shota Nagpur*	95.4	69.4	84.8	74'6	79.7	-0.4	15.18	13*83	+1.35	18.17	16.80		-	23*97
1889m	98.1	74.8	87*8	77.7	82.7	-0.9			+1 00	10.17	10.80	+1.37	28*84	23.77
Marie and the state of the second		1	4- 3-3			Tr.			30.03				- 1	

* Daltonganj not included.

METEOROLOGICAL OFFICE, BENGAL, The 15th August 1899.

C. LITTLE,

Meteorological Reporter to the Goet. of Bengal.

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				norselnq	Сно	CHOLERA,	SMALL	L-POX.	FRVER	38.	DYSENTERY AND DIABEHGA.	TERY (D) H@A.	INJURY	BY.	Отнев	OTHER CAUSES.	TOTAL	TOTAL OF ALL CAUSES,	CORRES MON PREVIO	CORRESPONDING MONTH OF PREVIOUS FIVE YEARS,	
DIVISIONS.	Districts.	Population under regis- tration.	Number registered.	Ratio per 1,000 of po	Vumber register-	Ratio per L,000 of por por por por munna.	Number register-	Ratio per 1,000 of por por more per per per per per per per per per p	Number register- ed.	Ratio per 1,000 of population per annum.	Number register- ed.	Ratio per L,000 of population per annum.	Mumber register-	Ratio per 1,000 of population per annum.	Wumber register-	Ratio per Lo00 of population per annum.	Number register-	Ratio per 1,000 of population per annum.	Number register-	Ratio per 1,000 of population per annum.	BENERAL
1	. 99	8	4	40	9	1	80	6.	10	п	18	13	14	15	16	11	18	19	20	18	24
Burdwan	Burdwan Birbum Bankura Midnspore Hooghly, including Seram-	1,391,880 788,254 1,069,668 2,631,516 1,084,296	4,027 2,571 4,196 7,937 1,831	34.68 38.64 47.04 36.19 21.13	3 39 31 2	0.000	. 450	.03 .01	1,489 858 1,039 2,614 1,180	19:72 19:84 11:64 11:88 13:68	25 12 18 18 18	.94 .01 .36 .36	48 21 47 116 63	248.446 248.80	710 527 667 964 214	6.19 7.44 7.44 6.64 6.64	2,289 1,407 1,787 1,655	19.68 91.19 20.04 17.40 18.00	2,763 1,575 2,146 4,573 2,012	23.76 24.00 20.76 23.28	
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Rajshehi			2,289 2,289 3,2863 1,363 4,590				8 E I I I	90.	3,133 1,725 1,725 3,738 8,738	14.88 201.96 30.36 30.36 201.60 15.94	1020	0.00 26.00 26.00 26.00 20.00 20.00	129 170 133 150 150 150 150 150 150 150 150 150 150	80.401196	48 136 44 154 154 119	4.20 1.96 1.72 1.72 1.73	2,627 3,388 1,834 758 4,038	And the state of the second	283.28 2.28.28 2.182 2.48 2.48 2.88 2.88	40000000000000000000000000000000000000	
7		For SA Guerrania	20.00 4.00 0.00 0.00 0.00 0.00 0.00 0.00	2000 000 000 000 000 000 000 000 000 00	116	200.000	11 18	10.900	Name and Address of the Owner, where the Owner, which is	18.96 17.76 17.76 18.78 15.59	136 25 25 25 25 26 26 26 26 26 26 26 26 26 26 26 26 26	999999999	88 28 28 28 28 28 28 28 28 28 28 28 28 2	********	1,064 425 1,064 425	200000000000000000000000000000000000000		20040 119.556 200.556 200.559 119.559		20173 20166 20166 20166 20166	
Patus	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						25 12 25 25 25 25 25 25 25 25 25 25 25 25 25		259 379 464 464 176 307 306	16.08 19.39 19.39 14.58 14.53 14.53	176 33 88 88 123 171 101	108 108 119 119 110 110	84 108 108 109 176 176 878	1 666 648 648 648 648 648 648 648 648 648	123 1,101 783 657 884 1,247	100 100 100 100 100 100 100 100 100 100	11.00				Not under registration
Bhagalpur	Monghyr Bhagalpur Purnea Malda Sonthal Parganas Cuttack Balasore	8,036,021 8,038,638 1,944,658 814,919 1,753,775 1,937,071 894,625				HO		0.6 16	683 683 683 683 683 663 6653	117.00 11	83174 E88	1.0000000000000000000000000000000000000	167 88 86 10 10 10 10 88	84609664	434 434 102 78 379 1,524 849	100 100 100 100 100 100 100 100 100 100	3,497 3,858 1,614 1,119 1,861	0.0000000000000000000000000000000000000	6,314 6,715 6,715 7,718 8,40 8,440 8,440 8,808 9,808		
Nag.	Angul and Khondusis Hazaribagh Ranchi Palaman Manbhum	1,164,921 1,128,885 596,770 1,193,328 545,488	3,572 3,781 2,066 3,765 1,577			 1.44 .36		.00. .00. .00. .00. .00. .00. .00. .00	-	17:28 11:28 25:08 15:12	952 752 71	. 198 . 198 . 198 . 198 . 198 . 198 . 198	212824	680,000	488 752 250 544 111	25.45 25.55	2,273 1,971 1,059 2,273 861	23.40 20.88 31.39 22.80 18.84	2,988 2,250 2,250 3,303 912	30.72 23.88 49.48 33.12 20.04	Not under registration
	Total	69,180,790	177,900	30.84	2,097	92.	1,249	61.	93,683	16.30	2,825	87.	4,026	09.	25,782	4.44	129,661	75.44	159,188	69.28	
	Average of corresponding month of previous five years		164,838	92.88	20,053	92.2	1,511	P8.	108,340	18.73	3,514	09.	3,624	09.	22,146	2.84	159,188	09.28			
	Difference + or	1	+13,062	88.8+	-17,956	2.00	-263	67	-14,658	82.8	689-	61	+403	Equal	+3,636	09.+	-29,527	-5.16			

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Vital Statistics of Ton

40	DING RB- SARS.	of population per annum.	63	24.60 26.08 26.08 26.08 26.08 26.08 26.09 26.00	97.00		· T.
AVEBAGE	CORRESPONDING MONTH OF PRE- VIOUS FIVE YEARS.	Kistered.	8	25 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5,126 97		
	II	Zatio per 1,000 of population per annum.	19	11.88 9.6168 10.688 10.688 11.860 11.860 11.860 11.860 11.888 11.	34.48	97.00	1
	TOTAL OF A	Klatered.	80	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4,649 2	5,136	1.
	CAUSES.	Ratio per 1,000 of population per annum.	n	25.500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. 88.8	7.44	1.44
	Отнвв	Namber re- gistered.	16	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,689	1,417	+872 +
	URY.	Ratio per I,000 of population per annum.	15	1.39 1.08 1.08 1.08 1.09 1.09 1.09 1.09 1.09 1.09 1.09 1.09	88	09.	67
		Vamber re- gistered,	14	400 001 HR00 80 L 4 HL00000400 R00000HL L	113	123	6-
DEATHS	ERY AND RHCEA.	Ratio per 1,000 of population per annum.	13	4 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	79.8	90	F6
	DYSENT	Number re- gletered.	13	- : : : : : : : : : : : : : : : : : : :	522	546	-24
BIRTHS. CHOLERA, SMALL-POX, FEYER, DYSENTERY AND IVERTOR OF THE PROPERTY OF TH	VBR.	Ratio per 1,000 of population per annum,	п	19 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	10.80	13.48	89.7-
	FE	Number re- gistered.	10	28.88.888.8888.8888.888888888888888888	2,061	2,370	-309
	L-Pox.	Ratio per 1,000 of population per annum,	6	* 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	01.	.36	98
	SMAI	Number re- gistered.	. 8		21	88	-63
	OLERA.	Ratio per 1,000 of population per annum.	7	96. 96. 96. 96. 96. 96. 96. 96. 96. 96.	1.30	3.00	08.1-
1	CH CH	Number re- gistered.	9	11 11 11 11 11 11 11 11 11 11 11 11 11	243	587	-344
THS.		Ratio per 1,000 of population per annum.	10	13.20 10.20 11	19.93	17.64	+8.58
BIB		Vumber re- gistered.	•	988 888 888 888 888 888 888 888 888 888	8,779	3,384	+415
gist	lder rep	Population un	8	28, 477 28, 284 28, 284 28, 284 38, 285 38, 285 38, 285 38, 285 38, 287 38, 28	2,273,167		•
			8	1. Burdwan S. Hooghly and Chinsura A. Settempore Cossitore-Chilipur S. Barnagore S. South Subriban D. Garden Resch II. South Barnackpore, including Tittagarh S. Mahati S. Mahati S. Calcutta M. Krishmagar M. Krishmagar M. Krishmagar M. Krishmagar M. Krishmagar M. Krishmagar M. Krishmagar M. Krishmagar M. Krishmagar M. Krishmagar M. Krishmagar M. Santiguri M. Santiguri M. Santiguri M. Santiguri M. Shanguri M. Santiguri M. Shangari M. Shangari M. Shangari M. Shangari M. Shangari M. Maradapur M. Ma	Population of 20,000 and over	6 .	- 10 + emerging
	Preparence		-	Burdwan Hooghly Howrah Ab Parganas Muchiabad Rajshahi Patna Chittagong Patna Shahabad Shahabad Shahabad Baran Champaran Muzafarpur Darbhanga Baran Champaran Muzafarpur Darbhanga Baran Champaran Muzafarpur Darbhanga Baran Champaran Ch			

H. J. DYSON, Major, 1.M.S., F.R.C.S., Samiary Commissioner for Bengal.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 11th August 1899.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Rengal classed as Major Works for the month of June 1899, as compared with that of the corresponding month of the previous year.

* .	T	OLL	AGE,	1899-19	00.		1	Coli	AG	е, 1898-99		
Canals.	Durin			To end		the	Durin		he	To end	200	the
1	5	5	Yang San	8	3		4			5		
Orissa Circle.	Rs.	Α.	P.	Rs.	Α.	P.	Rs.	Α.	P.	Rs.	Α.	P.
Taldanda Canal System	964	7	0	3,793	7	9	456	13	3		0	2
Kendrapara ditto	5,468	5	5	13,986		2	7,205		3	16,305		2
High Level Canal, Range I	567	6	6	1,917		6	697		0	4,714		ő
Ditto, " II	146	0	6	474		6	86	5	9	741	5	0
Ditto, " III	, 33	15	6	91	6	6	20	5	0	335	7	9
Jajpur Canal	42	4	6	119	8	0	9	7	0	38		0
Total Orissa Circle	7,222	7	5	20,383	15	5	8,475	12	3	29,582	8	1
South-Western Circle.										Table 1		
Midnapore Canal	7,613	13	0	24,770	4	6	8,158	4	3	99 901	11	
Hijili Tidal Canal	4,849			15,866	6	3	7,018		3	1	13	9
Total South-Western						-				20,001		
Circle	12,463	9	0	40,636	10	9	15,176	15	6	50,533	8	9
Sone Circle.	No. 044								-			
Patna Canal System	4,112	2	3	13,059	1	9	3,573	0	0	0 700	10	^
Arrah ditto	1,944	0	0	9,787	2	9	4,685	0	0	8,706		6
Buxar ditto	1,001	0	3	4,030	5	0	858	8	3	13,183 2,095	0	6
Total Sone Circle	7,057	2	6	26,876	9	6	9,116		3	23,984		3
GRAND TOTAL	26,743	2	11	87,897	3	8	32,769	7	0	1,04,100	-	1

Government Transport Service.

			TOLLAGE	1899-19	00.				TOLLAG	BE, 1898-	99.		
CANAL.	Du	ring th	e month.	To	end of th	e month.	D	uring t	he month.	To	nd of th	e month.	
	Passen- gers.	Goods.	Total re- ceipts.	Passen- gers.	Goods.	Total re-	Passen. gers.	Goods,	Total re-	Passen. gers.	Goods,	Total re-	
1	2		3	4	8	6	7	8	9	10	11	12	13
Orissa Circle. High Level	No. 8,485	Mds. 864	Rs. A. P. 6,500 1 9	No. 9,659	Mds. 2,183	Rs. A. P. 7,933 5 6	No.	Mds.	Rs. A. P. 2,587 15 2	No. 9,875	Mds.	Rs. A. P.	
rotal Orissa Circle	8,485	864	6,500 1 9	9,659	2,183	7,933 5 6	3,551	212	2,587 15 2	9,875	1,574	7,624 2 10	

Assessed Tollage Receipts.

0		EARNINGS,	1899-1900.	EARNING	s, 1898-99.
CANALS.		During the month.	To end of the month.	During the month.	To end of the month.
1		2	. 3	4	5
Orissa Canals Midnapore Canal Hijili Tidal Canal Sone Canals Total	:::	Rs. A. P. 13,722 9 2 7,613 13 0 4,849 12 0 7,057 2 6 33,248 4 8	Rs. A. P. 28,317 4 11 24,770 4 6 15,866 6 3 26,876 9 6 95,830 9 2	Rs. A. P. 11,063 11 5 8,158 4 3 7,018 11 3 9,116 11 3 35,357 6 2	Rs. A. P. 37,206 10 11 23,881 11 9 26,651 13 0 23,984 11 3 1,11,724 14 11

CALCUTTA,
The 15th August 1899.

A. H. C. MACCARTHY, Under-Secy. to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of June 1899, as compared with that of the corresponding month of the previous year.

		To	LLAC	ЭЕ,	1899-1900).		r	'oll	AGE,	1898-99.		
Canals.		During		,	To end mon		he	During		θ	To end mont		Le
1		2			3			4			5		al l
		Rs.	۸.	Р.	Rs.	Α.	Р.	Rs.	Α.	Р.	Rs.	Α.	P.
Calcutta and Eas Canals Tolly's Nala	tern	19,878 5,125		0 6	61,022 16,349		6 9	11,608 3,154	7 10	9	48,663 9,239	7	9 6
Total		24,999	6	6	77,372	9	3	14,763	1	9	57,302	9	3
Orissa Coast Canal		3,535	7	3	11,479	4	9	5,912	6	3	22,053	12	9
Nadia Rivers		5,673	6	6	13,769	1	6	3,029	1	0	10,050	12	0
GRAND TOTAL		34,208	4	3	1,02,620	15	6	23,704	9	0	89,407	2	0

CALCUTTA, The 15th August 1899. A. H. C. MacCarthy, Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 12th August 1899, as compared with the corresponding week of the previous year.

			DING SATURE H AUGUST 189		WEEK EN	DING SATURD A AUGUST 1898	AY, THE
NATURE	OF CARGO.	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
		No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy Jute Firewood Other articles	=	 824 26 57 692	98,825 19,200 34,850 2,03,055	1,198 230 513 2,529	294 23 29 507	44,502 9,550 22,600 1,19,520	690 152 341 1,642
	Total	 1,599	3,55,930	4,468	853	1,96,172	2,82

EAST INDIAN RAILWAY.

Statement of Goods Traffic in staples carried during the four weeks and 6 days ending 30th June 1899 as compared with the same period of 1898.

STAPLES.	18	98.	18	399.	INCR	EASE.	DECE	REASE.
GIATUSO,	Weight.	Freight.	Weight.	Freight,	Weight.	Freight.	Weight.	Freight.
Coal & Coke carried for the public and foreign	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Catton raw	89,81,380	12,84,612	87,73,270	12,59,808			2,08,110	24,80
Cotton, manufactured—	52,602	\$6,682	44,979	21,089			7,713	15,590
1.—Twist & Yarn, European	5,862 42,878 1,01,821 10,533	6,503 18,760 1,13,010 6,918	6,156 47,141 1,00,686 15,286	7,887 17,773 99,748 9,857	294 4,263 4,753	1,384 2,439	1,135	98° 13,26°
Drugs and Chemicals— 1.—Intoxicating, other than opium 2.—Non-intoxicating	1,254 12,635	701 8,883	750 15,633	218 13,509	2,998	4,626	504	483
## 1.—Indigo	1,183 10,164 1,752 18,028 176 748 43,231	555 3,649 606 15,995 126 230 4,174	491 10,264 6,872 18,907 2,185 228 2,660	443 3,397 2,066 12,920 257 99 533	100 5,120 2,009	1,450	692 21 520	3,07t
Grain and Pulse-		CONTRACTOR OF	540-1156	Andrews Teachers			40,571	3,641
2.—Rice in the husk	19,73,900 92,12) 5,29,996 9,426 2,98,010 67,288	4,58,007 8,479 70,147 1,508 64,903 16,154	20,51,779 1,53,978 5,64,091 15,523 5,59,665 93,821	4,17,485 16,611 1,03,733 2,647 1,46,873 17,228	77,879 61,858 34,095 6,097 2,61,655 26,033	8,132 33,586 1,139 81,970 1,074		40,522
1.—Hides of cattle	46,293 16,151 536 71,399	24,913 7,774 315 14,234	56,257 17,776 2,178 90,776	3),738 9,608 1,208 34,760	9,964 1,625 1,642 19,377	5,825 1,834 893 20,526		
1.—Raw 2.—Gunny-bags and cloth	38,649 1,48,933	6,483 93,339	36,256 1,59,786	4,618 90,776	10,853		2,393	1,865 2,568
1.—Stick	27,604 18,202 3,392	11,509 15,894 3,572	47,709 28,007 3,227	19,806 21,804 3,919	20,105 9,805	8,297 ,5,910 347	165	
1.—Ale and Beer	8,947	5,412	10,177	5,331	1,230			
spirit	1,444 3,296	1,731 4,989	4,563° 4,000	2,836 5,522	3,119 794	1,105		
beer			138	45	188	45		
1.—Copper, unwrought	2,1 06 571 12,473	461 1,857 560 6,612	122 1,205 589 10,202	109 741 320 4,764	18		291 901 2,271	352 1,116 240
(a) Cast (b) Unwrought (c) Wrought (2) Manufactures of iron and steel 6.—Zinc and spelter	40,649 17,909 73,853 25,360 2,603 7,528	10,176 763 37,568 12,595 1,710 6,072	13,498 11,482 90,697 42,964 1,278 11,143	4,982 803 40,207 24,578 626 8,660	16,844 17,604 3,615	40 2,639 11,983 2,588	27,151 6,427 1,325	1,848
1.—Kerosine	1,49,471 4,787 9,422 8,615 4,796	54,454 1,838 1,630 3,021 8,137	1,09,003 4,614 6,010 9,431 7,119	38,958 1,372 2,147 2,657 3,963	816 2,323	517 826	40,468 173 3,412	15,496 466 367
ilseeds— 1.—Linseed 2.—Rape and mustard 3.—Til or jinjili 4.—Poppy 5.—Earthnuts 6.—Castor 7.—Others	6,95,104 4,41,347 18,103 1,34,669 32 1,25,657 6,667 4,167	1,76,148 1,10,402 2,437 36,000 19 24,549 1,095	12,33,875 3,43,907 19,180 1,43,614 6,120 70,400 7,461	3,17,409 76,886 2,174 41,418 1,723 14,168 1,167	5,38,771 1,077 11,845 6,088	1,41,261 5,418 1,704 72	97,440	33,516 263
aper and pasteboard	18,555	19 893	3,938	3,619			229	1,782
rovisions—		12,523	18,326	12,914		391	229	
2.—Dried fruits and nuts 3.—Potatoes 4.—Others	34,539 5,829 37,611 1,17,084	22,102 2,281 10,3 4 42,171	38,609 7,514 71,532 1,23,874	32,230 3,137 22,843 40,502	4,070 2,185 33,921 6,790	10,128 856 12,509		1,669
1.—Locomotive engines & tenders & parts								
2.—Carriages & trucks & parts thereof 3.—Materials— (a) Steel rails & fight plates	142 , 858	65 88	4,505 3,476	1,079	4,363 3,123	1,041 622	:::::	
(b) Sleepers and keys of steel and cast-iron			39,379	13,971	39,379	13,971		
t* (c) Other serts	80,102 8,89,685	11,302 1,80,541	1,120 87,887 7,42,191	313 18,507 1,35,236	1,120 7,785	313 7,205	1,47,494	45,305

						189	8.	189	9.	Incri	ASE.	DECE	EASE.
81	APL	Rs.				Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
						Mds.	Rs.	Mds.	Rs.	Mds.	Ra.	Mds.	Rs.
Saltpetre, &c					14.30	35,951	16,332	54,987	22,890	19,036	6.559		
1.—Saltpetre . 2.—Other saline s	ubst	ances			-	29,986	8,855	55,427	15,256	25,441	6,901	*****	
zOther satisford							Section Section		77 17-16 17 17 1-10 19				
Silk, raw-					1500			612	257	612	257		
DESCRIPTION OF THE PROPERTY OF						2,894	1,503	818	433			2,076	1,670
									Section 1				
Silk piece-goods -						1		1.0				1	5
			***	***	***	102	191	1,338	649	1,236	458		
					290								
Spices-						13,485	13,602	30,983	23,342	17,498	9,740	1011	
			***		***	2,311	2,412	2,329	2,053	18			359
		***		197	***	2,969	1,003	3,620	1,423	651	420	******	*****
4.—Chillies		***	***	***	***	16,856	15,328	15,617 3,392	10,189 773	2,060		1,239	5,139
	***	***	***	•••		1,832 1,262	495	1,525	595	263	100		391
6.—Others	•••		***	***						400			*****
Stone and lime		***	***		***	6,71,093	95,410	6,65,410	1,00,386		4,976	5,683	*****
Sugar												K N	
		***		***	***	9,162	* 3,960	8,392	3,890	*****	9,838	770	70
2.—Unrefined	***	***	***	***	***	3,59,018	58,364	3,93,607	68,172	34,589	9,838	•••••	******
Tea-						1							
1Foreign		***	***		***				******			******	*****
	***	***	***	***	***	1,34,044	3,206 24,960	4,125 1,59,289	2,079 25,931	25,245	971	1,751	1,127
			***		***	1,38,943	54,944	1,64,394	55,396	23,451	452	*****	******
			6474									7,388.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Wool-						7,866	8,917	3,260	2,000			4,606	0.012
(a) Raw (b) Manufactured		***	***		***	1,000		0,200	2,000			4,000	6,917
I.—Carpets	and	rugs	***	•••		734	956	832	828	98	******		128
II.—Piece-go		Europe	ean		***	26	1,263	18	33 1,650	265	387	8	33
III.— " IV.—Other so	rts	India:		tures	***	1,675	1,200	1,940	1,030	15	13		*****
									er else				
All other articles of n						42,496	10,181	59,310	10,537	16,364	356		
201	***	***	***	***	***	53,082	3,315	68,709	3,866	15,627	551		*****
	***	::	***			9,204	1,711	6,146	2,210	20,000	499	3,058	*****
	***	***		***	***	1,09,642	18,036	1,36,286	29,300	26,644	1,264	1.50	
5Paints & color	ırs		***	***	***	19,316	4,535	14,425	6,159	******	11,624	4,891	*******
6.—Seeds other th		oilseeds		***		46,848	20,997	67,857	32,248	21,009	11,251	******	******
7.—Wooden artic	168		***	***	***	10,912 8,79,612	3,907 1,80,360	12,534	2,34,827	1,662 35,065	1,574 54,467		
o,—Others			***	***		0,10,012	2,00,000	0,11,077	2,02,021	00,000	01,107		*****
				Total		1,82,16,683	36,46,107	1,90,82,854	89,22,885	8,66,171	2,76,278		
Military stores					30,18	10,285	11,721	21,201	44,626	10,916	32,905		
22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		***			***	13,46,417	1,05,324	12,20,743	85,549	10,010	02,000	1,25,674	24,775
Mrs. Mrs		***	***	***	-	12,82,502	76,138	15,37,731	63,049	2,55,229	******	2,20,074	13,089
Company of the Compan		•••		***		5 40 ··· 10 73	9,183		10,867	*****	1,184		******
		- 5.46		Total		2,08,55,887	38,48,473	2,18,62,529	41,20,976	10,06,642	-		
					***	2100,001001	00,20,410	2,10,02,020	41,40,010	10,00,012	2,72,503	******	*****

C. W. CLARKE, Assistant Auditor.

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, the 8th August 1899.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for the week ended 29th July 1899 on 1,712:25 miles open.

	COACHI	og Trappic.		AND MINERAL			TRAFFIC	TRAIN-MI	LES RUN
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	Other earnings (estimated).	Total earnings.	Coaching.	Merchan- dise.	Total
Total traffic for the week Or per mile of railway For previous 3; weeks of half- year Total for 4; weeks COMPARISON.	305,076 1,095,069 1,400,145	Rs. A. P. 2,96,221 8 0 173 0 0 10,59,072 4 0 13,55,293 12 0	MDS, s. 34,84,956 20	Rs. A. P. (b) 5,86,334 12 0 342 7 0 20,94,513 9 0 26,80,848 5 0	R4. A. 7. (c) 14,647 0 0 8 8 10 45,973 0 0 60,620 0 0	Rs. A. P. 8,97,203 4 0 523 15 10 31,99,558 13 0 40,96,762 1 0	95,791 296,866 392,657	148,579 	244,37 811,88 1,056,25
Total for corresponding week of previous year Per mile of railway corresponding week of previous year	300,874\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	3,03,887 6 1 178 3 7 12,82,403 0 0	39,29,439 30 1,66,69,134 20	7,29,389 3 9 427 12 4 31,63,712 11 6	23,558 5 4 23,131 1 93,191 6 0	10,56,834 15 2 619 13 0 45,39,307 1 6	91,813	152,598 681,282	244,41

Deducted Rs. 32,618, being the estimated amount of rebate on coal for the week.
he heavy decrease is chiefly in both the upwards and downwards coal traffic and grain and seed traffic to Calcutta stations.
Tayments on account of mileage and demurrage being more than the receipts, nothing is included.

Rs. 29,681 0 0

""", of mileage and demurrage "", 9,107 6 0

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for the week ended 29th July 1899 on 22.23 miles open.

	COACHING	TRAPPIC.	MERCHANDISE TRA	FFIC.	Landston Control			TRAIN-MILE	is RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	Other earnings (estimated).	Total earnings.	Coaching.	Merchan-	Total
		Rs. A.P.	MD8. 8.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway For previous 3} weeks of half-	17,917	4,148 15 0 186 10 2	9,481 10	904 8 0 40 11 0	7 0 0 0 5 1	5,060 7 0 227 10 3	1,064	124	1,18
year	64,806	14,969 13 0	52,593 0	854 8 0	25 0 0	15,849 5 0	3,376	364	8,74
Total for 4) weeks	82,776	19,118 12 0	35,074 10	1,759 0 0	32 0 0	20,909 12 0	4,440	488	4,93
COMPARISON.									
Potal for corresponding week of previous year for mile of railway correspond-	19,607	4,528 14 4	8,114 10	379 4 0	9 12 0	4,917 14 4	1,129	226	1,35
ing week of previous year otal for corresponding 42		203 11 8		17 1 0	0 7 0	221 3 8	3 20 00 00 00		
weeks of previous year	92,672	21,297 5 4	34,129 20	1,407 14 0	35 0 0	22,740 3 4	4,872	443	5,31

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the week ended 29th July 1899 on 162.24 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRA	AND MINERAL FFIC.	Other session		TRAFFIC	TRAIN-MIL	RS RUN.
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	Total earnings.	Coaching.	Merchan- dise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway For previous 3; weeks of half-	17,663	16,124 4 0 99 6 2	76,626 30	8,432 5 0 51 15 7	70 0 0 0 6 11	24,626 9 0 151 12 8	6,980	3,146	10,12
year	61,845	50,855 12 0	2,32,136 20	25,420 9 0	219 0 0	76,495 5 0	21,934	9,962	31,89
Total for 4) weeks	79,508	66,980 0 0	3,08,763 10	33,852 14 0	289 0 0	1,01,121 14 0	28,914	13,108	42,025
Comparison.								108/02/0	
of previous year	18,807	17,291 2 0	48,915 30	7,430 4 0	52 11 3	24,774 1 3	7,232	3,020	10,25
ing week of previous year otal for corresponding 4?		106 9 8		45 12 9	0 5 2	152 11 2			
weeks of previous year	82,666}	65,678 15 5	2,27,933 30	32,611 10 0	211 13 6	98,502 6 11	30,681	12,867	43,54

SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for week ended 29th July 1899 on 78.83 miles open.

	COACHIN	G TRAFFIC.	MERCHANDISE TRAI	AND MINERAL	Other earnings		TRAFFIC	TRAIN-MIL	ES RUN.
	Passengers carried,	Receipts.	Weight carried.	Receipts.	(estimated).	Total earnings.	Coaching.		Total.
otal traffic for the week r per mile of railway or previous 23 weeks of half-year Total for 35 weeks	No. 11,355 17,616	Rs. A. P, 5,461 8 0 69 4 6 8,470 15 0	M. s. 13,060 30 25,593 0	Rs. A. P. 1,188 15 0 14 7 2 2,223 1 0	Rs. A. P. 8 0 0 0 1 8 20 0 0	Rs. A. P. 6,608 7 0 83 13 4 10,714 0 0	796	317	1,113
COMPARISON.	28,971	13,932 7 0	38,653 30	3,362 0 0	28 0 0	17,322 7 0	8,933	317	4,250
stal for corresponding week of previous year							*		

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihar Sections.)

Approximate Return of Traffic and Mileage for the week ended 5th August 1899 on 834 miles open.

	COACHIE	G TRAFFIC.	MERCHANDISE TRAF	AND MINERAL	The second secon		TRAFFIC	TRAIN-MILE	
Committee of the control of the cont	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	Other earnings, including ferry.	Total earnings.	Coaching,	Merchan-	Total.
tal traffic for the week per mile of railway r previous 4 weeks of half- rear Total for 5 weeks	186,580 224 835,210 1,021,790	Rs. A. P. 85,300 0 0 102 0 0 3,97,620 0 0 4,82,920 0 0	2 30 000	Re. A. P. 1,57,130 0 0 188 0 0 4,56,600 0 0 6,13,730 0 0	Rs. A. P. 8,470 0 0 1 0 0 55,570 0 0	Rs. A. P. 2,50,900 0 0 *291 0 0 9,09,790 0 0	35,804 143,306	35,345 133,518	71,14
COMPARISON. al for corresponding week previous year mile of railway correspond- ng week of previous year al to corresponding date of revious year	185,935 227 984,804	74,751 0 0 92 0 0 4,19,193 0 0	7,07,365 0 865 0	1,28,656 0 0 157 0 0 6,33,098 0 0	7,198 0 0 1 0 0 66,646 0 0	2,10,600 0 0 250 0 0 11,18,937 0 0	34,527 	168,863 31,799 167,484	847,9

Excluding steamer earnings.
 Note,—Increase is chiefly due to jute traffic,

DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 5th August 1899 on 86 miles open.

	COACHING	TRAFF	ic.		MERCHANI T	RA	AND MIN	EB	AL							TRAFFIC	TRAIN-MII	ES RUN
	Number of passengers.	Coach			Weight carried.		Receip	ots.		Othe earnin including	ga.	ry.	Tot			Coaching.	Merchan- dise.	Total
tal traffic for the week	90.040	Rs.		839		SE 201	· Rs.	۸.	P.	Rs.	۸.	P.	Rs.		. P.	1		
previous 4 weeks of half-	20,240 285	6,700 78			17,250 201	0	990 12	0		120	0	0	7,810		0	2,696	1,334	4,03
Total for 5 meets	99,660	29,970	-	-	29,920	-	3,560	0	0	ere est est est est.	0	50	34,010		1.00	11,060	5.040	
	1,19,900	36,670	0	0	47,170	0	4,550	0	0	600	0	0	41,820	0	0	13,756	6,582	20,388
Companison. I for corresponding week previous year																CAPT FOR		20,00
week of previous year	20,574	6,257		0		0	1,424				0		7,739	0	0	2,324	1,956	4,280
vious year	1,19,118	35,454	0	0		0	8,263	0		946	0 (3	90	0	230	12,494	11,960	24,454

MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 5th August 1899 on 33 miles open.

	COACHING	TRAFFIC.	MERCHANDI	SE A	ND MINERAL	Other earnings,	Total carmings		TRAIN-MIL	ES RUN
	Number of passengers.	Coaching receipts.	Weight carried.		Receipts.	including ferry.	Total carmings.	Coaching.	Merchan- dise.	Total.*
***		Rs. A. P.	MD8.	8.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway	2 900 88	720 0 0 22 0 0		0	60 0 0 2 0 0	===	780 0 0 24 0 0	290	588	878
For previous 4 weeks of half-	10,990	2,670 0 0	4,250	0	850 0 0	10 0 0	3,030 0 0	1,248	2,762	4,010
Total for 5 weeks	13,890	3,390 0 0	5,230	0	410 0 0	10 0 0	3,810 0 0	1,538	3,350	4,888
COMPARISON.										
Total for corresponding week of previous year					esta		19 g 198	k, er de l er eksterieri	•••	
ing week of previous year Total to corresponding date of previous year			ļ						-	

[•] Includes ballast train-miles 416.

BRAHMAPUTRA-SULTANPUR RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 5th August 1899 on 24.75 miles open.

Service of the servic	COACHING	TRAFFIC.	MERCHANDISE TRA	AND MINERAL PFIC.	Other earnings (including	Total	TRAPPIC	TRAIN-MIL	es Run.
The state of the s	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	ferry).	earnings.	Coaching.	Merchan- dise.	Total,
		Rs. A. P	MD8. 8.	Ra. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway	1,020 41	310 0 0 13 0 0	7,220 0 292 0	340 0 0 14 0 0	60 0 0 2 0 0	710 0 0 29 0 0	190	1,096	1,286
For previous 4 weeks of half-	5,770	1,580 0 0	12,540 0	1,380 0 0	190 0 0	3,150 0 0	890	4,694	5,584
Total for 5 weeks	6,790	1,890 0 0	19,760 0	1,720 0 0	250 0 0	3,860 0 0	1,080	5,790	6,870
Comparison.			100			. 18	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1000	
Por mile of railway corresponding	25						•••••	••••	21 3 444 35
week of previous year Total to corresponding date of previous year							2000 2000 2000 2000 2000 2000 2000 200	**************************************	200 30 200 30 200 30

[•] Includes ballast train-miles 936.

COOCH BEHAR STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 5th August 1899 on 33.73 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRA	AND MINERAL PPIC.	Other earnings,	Total	TRAPPIC	TRAIN-MILE	s RUN.
British San Carlos (1997)	Passengers carried.	Receipts.	Weight carried.	Receipts.	including ferry.	earnings.	Coaching.	Merchan- dise.	Total.
		Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week Or per mile of railway	1,690	710 0 0 21 0 0	3,460 0 103 0	600 0 0 18 0 0	50 0 0	1,360 0 0 *39 0 0	366	690	1,056
For previous 4 weeks of half-	7,530	2,980 0 0	\$2,420 0	3,340 0 0	180 0 0	6,500 0 0	1,390	3,752	5,142
Total for 5 weeks	9,220	3,690 0 0	35,880 0	3,940 0 0	230 0 0	7,860 0 0	1,756	4,442	6,198
COMPARISON.			a second						
Total for corresponding week of previous year	1,212	425 0 0	2,141 0	-91 0 0	104 0 0	438 0 0	120	852	972
Per mile of railway correspond-	55	19 0 0	97 0	-4 0 0	1 0 0	16 0 0			*****
Total to corresponding date of previous year	6,472	2,268 0 0	11,893 0	1,276 0 0	569 0 0	4,113 0 0	801	3,443	4,244

[•] Excluding coaching ferry. † Ballast train-miles 384.

BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

Approximate Return of Traffic and mileage for the week ended 29th July 1899 on 125 miles open.

	COACHIN	G TRAFFI	c.	MERCHAN	DISE TRA	AND MINE	RAL					TRAI	FIC TRAIN-MII	ES RUN.
	Number of passengers.	Coach		Weight carried.		Receipts		Other ea	rnings	Total ea	rnin	Coachir	Merchan- dise.	Total.
		Rs.	A. P.	Mos.	8.	Rs. A.	P.	Re.	A. P.	Rs.	A. 1			
Total traffic for the week Or per mile of railway For previous 3 weeks of half-	31,859 255	13,416 107	0 0 0 0	46,508 372		4,816 0 39 0	0		0 0	24,651 197		0 5,0	41 2,635	7,670
year	108,836	40,414	0 0	1,53,457	0	11,270 0	0	831	0 0	52,515	0	15,8		24,51
Total for 4 weeks	140,695	, 53,830	0 0	1,99,965	0	16,086 0	0	7,250	0 0	77,166	0	20,9	08 11,282	87,190
Comparison. Total for corresponding week	Eyen area taxon in												appating	
of previous year	80,054	11,407	0 0	1,76,139	0	6,089 0	0	349	0 0	17,845.	0 (3,99	3,222	7,147
ing week of previous year	240	91	0 0	1,409	0	49 0	0	3	0 0	143.	0 (100		
of previous year	188,255	48,486	0 0	3,64,868	0	16,516 0	0	1,514	0 0	66,516	0 0	The Thirty		30,348

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

(WORKED BY THE B.-N.-W. RAILWAY.)

Audited Return of Traffic for week ending 24th June 1899 on 18 miles open.

Andre Marin Haller School (1997)	COACHING	TRAPPIC,	MBBCHANDIS TR	R AND MINERAL APPIC.	Other earnings	Total	TRAFFIC	TRAIN-MILE	s RUN.
Republic of the Control of the Contr	Passengers carried.	Receipts.	Weight carried.	Receipts.	(estimated).	earnings.	Coaching.	Merchan- dise.	Total.
	No.	Rs. A. P.	M DS.	Bs. A. P.	Rs. A. P.	Rs. A. P.	1		
Total traffic for the week on 18 miles open	1,091 60°61	215 2 3 11 15 3	14,218 789*89	444 7 0 24 11 1	2 8 0 0 2 2	662 1 3 36 12 6	357	147	50
year	15,900	3,676 12 2	1,41,282	3,968 11 0	83 9 0	7,729 0 2	5,811	2,773	8,58
Total for 16‡ weeks	16,991	3,891 14 5	1,55,500	4,413 2 0	86 1 0	8,391 1 5	6,168	2,920	9,08
GOMPARISON.								4000	9,08
Total for corresponding week of previous year on miles open Per mile of railway corresponding week of previous year						*****			
Total to corresponding date of previous year			*****						•••
or previous year						*******			

BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the week ending 5th August 1899 on 1,082 miles open.

	COACHING	TRAFFIC.	MERCHANDISE TRAF	AND MINERAL	Other earnings		TRAPPIC	TRAIN-MILI	s RUN.
	Number of passengers.	Receipts.	Weight carried.	Receipts.	including steam-boat.	Total earnings.	Coaching.	Merchan-	Total
otal traffic for the week on		Rs.	MDs.	Re.	Rs.	Rs.	192	#	
per mile of railway or previous 41 weeks of balf.	125,550 116'04	50,770 46'92	5,52,290 510.43	59,490 54.98	15,880 14.68	(a)1,26,140 116.58	25,414	(b)25,954	\$1,36
,	538,080	2,09,050	20,31,850	2,49,260	67,230	5,25,540	1,04,926	1,14,465	219,39
Total for 51 weeks	663,630	2,59,820	25,84,140	3,08,750	83,110	6,51,680	1,30,340	1,40,419	270,75
COMPARISON. Itali for corresponding week of previous year on 925 miles open r mile of railway corresponding week of previous year tal to corresponding date of previous year	122,833 132 ⁻ 79 589,317	45,989 49°72 2,25,617	4,25,718 460°24 26,83,084	54,364 58*77 3,38,057	13,314 • 14°39 75,117	1,13,667 122°88 6,38,791	22,734	(c)24,308 1,34,563	47,042 248,564

⁽a) Increase due to increased village, but traffic is low owing to heavy rain.

ASSAM-BENGAL RAILWAY.

Approximate Return of Traffic for the week ended 29th July 1899 on 396 miles open for all descriptions of Traffic and an additional 37 miles for goods and parcels traffic only.

Park in the Country ships of	COACHING	TRAFFIC.	MERCHANDISE TRAFF	PIC.	Other earnings	NE or promot	TRAFFIC	TRAIN-MILE	S RUN.
Control of Control	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.	(estimated).	Total earnings.	Coaching.	Merchan- dise.	Total.
	+ 4	Rs. A. P.	MDS. S.	Rs. A. P.	Rs. A. P.	Rs. , A. P.			
Total traffic for the week Or per mile of railway For previous 3 weeks of half-	20,324 51°32	11,740 0 0 29.65	2,62,374 0 605°94	10,801 0 0 23.79	1,807 0 0 4.17	23,848 0 0 57.61	3,619 9:14	6,697 15'47	10,316 24'61
For previous 3 weeks of half- year	76,751	44,192 0 0	8,20,518 0	37,513 0 0	1,288 0 0	82,993 0 0	11,165	23,762	84,927
Total for 4 weeks	97,075	55,932 0 0	10,82,892 0	47,814 0 0	8,095 0 0	1,06,841 0 0	14,784	30,459	45,243
COMPARISON.									
Total for corresponding week of previous year Per mile of railway correspond-	21,015	11,523 0 0	2,59,426 0	11,806 0 0	1,877 0 0	24,706 0 0	8,049	4,933	7,989
Total to corresponding date of previous year	87,196	40°57 47,116 0 0	885°41 10,59,001 0	40°29 47,836 0 0	4.70 2,383 0 0	85°56 97,335 0 0	10.74	16:84 21,061	27.58 83,562

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

	TS FOR WEER TH JULY 1896			s for week TH JULY 189			L RECEIPTS FRO PRIL 1899 TO 25 JULY 1899.			PRIL 1898 TO 30 JULY 1898.		Total	Total
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked,	Mean mileage worked.		Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.	increase in 1899.	decrease in 1899,
433	Rs. 23,848	Rs. 57.61	293	Rs. 24,706	Rs. 85°56	483	Rs. 4,88,759	12 14 97 10 12 12 1	293	Rs. 4,36,261		Rs. 52,498	

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for the week ending 5th August 18 Ditto for the corresponding period of 1898	899	*/#C#####		Rs. 10,783 10,512	0 0	P. 0 0	
Increase				271	0	0	順的問
Receipts per mile for the week ending 5th August 1899 Ditto for the corresponding period of 1898	:::			211 206		11	
Increase		,,,		- 5	5	0	
Receipts from 1st July to 5th August 1899 Ditto for the corresponding period of 1898	:::	346 2 (4)		60,906 64,586	0	95333553H	
Decrease	***	•••	***	3,680	0	0	



The Calcutta Gazette.

WEDNESDAY, AUGUST 23, 1899.

OFFICIAL PAPERS.

[Non-Subscribers to the Gazette may receive the Supplement separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.]

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RESOLUTION ON THE ANNUAL REPORT ON THE WORKING OF THE CALCUTTA SHIPPING OFFICE AND OF THE SHIPPING OFFICES AT OUT-PORTS FOR 1898-99.

No. 1551 Marine.

GOVERNMENT OF BENGAL, MARINE DEPARTMENT.

Dated Calcutta, the 17th August 1899.

RESOLUTION.

READ-

Letter No. 541B., dated 22nd July 1899, from the Secretary to the Board of Revenue, Lower Provinces, submitting the annual report on the working of the Calcutta Shipping Office and of the Shipping Offices at out-ports for 1898-99.

The number of seamen of all nationalities shipped and discharged through the Calcutta Office was 27,024 and 24,672 against corresponding figures of 26,087 and 23,564 during the previous year as shown in the following table:—

	18	98-99.		897-98.
British Europeans—Continental Americans, West-Indians, and Africans.	Shipped. 1,540 473 214	Discharged. 1,301 450 167	Shipped. 1,454 460 191	Discharged. 1,301 419 121
Australians Asiatics other than Indians, Indians proper Eurasians and Goanese	10 320 23,946 521	10 406 21,882, 456	270 23,283 418	12 227 21,074 410
Total	27,024	24,672	26,087	23,564

2. The increase is again attributed to the more general employment of Indian seamen in the Mercantile Navy. The difference between the total number shipped and discharged is due to the engagement at Calcutta of an increased number of native crew for service in vessels trading from the United Kingdom and elsewhere. The men engaged in service for German vessels were

Kingdom and elsewhere. The men engaged in service for German vessels were chiefly engine-room crews shipped through the Calcutta Shipping Office in accordance with the Merchant Shipping Act, the usual bond of indemnity for lascars sailing under a foreign flag being filed in the office.

3. The number of British seamen shipped during the year shows an increase of 86 on the figures of the previous year. The number shipped exceeded the number discharged by 239 during the year. During the last six years the number shipped has exceeded those discharged regularly, and has aggregated over 1,200 men on the whole period. This is partly accounted for by the fact that the seamen come from other ports, Bombay, Chittagong, Rangoon, Singapore and elsewhere in search of employment, which, it seems they succeed in pore and elsewhere in search of employment, which, it seems they succeed in finding to the extent indicated, and, probably, partly to the fact that a certain number of men desert from ships in Calcutta. As regards Indian seamen, there has been an increase both in the number shipped and discharged which, as explained above, is due to the more general employment of this class of seamen. The difference between the numbers shipped and discharged is partly due to the crews engaged for service to the United Kingdom not having returned at the end of the year, and partly to fact, just stated, of the larger numbers of this class which are annually employed. The number of Chinese discharged exceeded those shipped by 130. These men appear to stay in the country in

increasing numbers.

4. The number of seamen of all nationalities shipped in, and discharged from, foreign vessels through their Consulates, and not included in the figures

given above, are-

Shipped Discharged	•••	A SECTION	***		98
Discharged	***	. • • •	•••	 •••	56

5. There were only 48 deserters against 86 during the previous year; the decrease being ascribed to the fact that the rates of seamen's wages remained

uniform throughout the year.

6. The receipts of the Calcutta Shipping Office amounted to Rs. 49,281 as compared with Rs. 47,313 during the previous year. As in the previous year, the largest increase is under shipping and discharging fees, which shows an increase of Rs. 2,379, and is due to the increased operations in shipping and discharging seamen. The increases under other heads are small, and do not call for any remark.

The expenditure during the year amounted to Rs. 22,928, or a reduction of Rs. 1,086 on the preceding year, due almost entirely to reduced charges under "Establishment" and "supply of forms." The former reduction was partly caused by the diminution of exchange compensation allowance, and

partly by the fact that none of the superior officers were on leave.

The following table shows the receipts of the funds held in trust by the Calcutta Shipping Office on account of both European and Native seamen for the last two years:

Committee of the second second description of the second s			1898-99.	1897-98.	E DAS
	e grante di Juane. Esta este di Lincolo		Rs.	Rs.	
Ticket money		1.65.00	1,040	510	11450
Deposit money of British seamen	411		26,559	29,415	
Ditto of Native ditto	***		17,325	4,057	
Estates of deceased ditto	•••	•••	3,904	6,965	

- 8. There was a small increase of Rs. 530 under Ticket Money, which is attributed to an increase in the number of Indian seamen shipped on sailing vessels, principally vessels chartered for the conveyance of Indian emigrants to the West Indies, who had allotted part of their wages for the benefit of their
- families.

 9. The decrease of Rs. 2,856 under "Deposit money of British seamen" is been received from British and foreign seamen owing to smaller sums having been received from British and foreign seamen

left behind from their ships in hospital and jail. The old sailing ships trading to India are being replaced by steamers which make short voyages and consequently such of the crews of these vessels as are discharged or left abroad have usually smaller amounts due them as wages than formerly. Of the total deposits, Rs. 25,744 represent the voluntary deposits of 217 seamen, the balance, Rs. 815, being deposited by masters of ships as the wages of eight seamen who had either refused to sign their accounts or were too ill to receive

10. Under "Deposit money of Native seamen" there is an increase of Rs. 13,268, which is due to the wages of the crews of three steamers discharged at out-ports having been remitted to the Calcutta Shipping Office for payment to the men who were sent on to Calcutta as passengers.

11. Under "Estates of deceased Native seamen" there is a reduction of Rs. 3,061; but this is accounted for by the fact that in the previous year the transactions were increased by the wages of the crews of two vessels lost at sea having been remitted to Calcutta by the owners for payment to their

12. The value of seamen's money orders increased from Rs. 11,934 in 1897-98 to Rs. 12,603 during the year under review. The increase is small, and is due to the more favourable rate of exchange prevailing during

- The number of distressed seamen sent home during the year was 27 against 47 in the previous year. The causes of distress were sickness 14, injuries 8, and paucity of employment 5. The local institutions in Calcutta which afford relief to seamen on the largest scale are the District Charitable Society and the Sailor's Home, both of which are largely helped by Government. A considerable number of the inmates of the former are British and foreign seamen, as also of the Government Workhouse, which is in the same premises, and part of the work of both institutions is to find ships for
- The Shipping Master, Calcutta, reports that there appears to be no appreciable change in the condition of European seamen. The better class of men reported last year as serving in the merchant ships trading to the port continues, and the appearance of a British sailor unable to read or write is becoming more rare. The demand for lascars continues to increase.

15. At the port of Chittagong the number of seamen shipped and discharged was 42 and 53 against 33 and 95 during the previous year. There is a large decrease in the number of discharges, which is due to a smaller

number of ships having paid off their crews.

16. There were 11 deserters, 8 of whom were Europeans and 3 lascars, during the year against 3 during the previous year. This increase is attributed to the higher rate of wages prevailing at Calcutta, viz., £3-5 to £3-10 against £2-5 to £2-15 at which the seamen joined. Three of these deserters were arrested at Calcutta and brought to Chittagong and convicted. One was also arrested at Chittagong and put on board his vessel, the others were not

The receipts on account of Trust funds amounted to Rs. 3,231 and consisted of deposits received on account of the balance of wages of 12 British and 6 Native seamen discharged by mutual consent; of 22 Native seamen discharged on termination of agreement; of 7 British seamen discharged under medical certificate, and of one deceased.

18. The value of seamen's money orders was Rs. 151 only. One out of the 53 seamen discharged elected to remit his wages to his wife in the United

19. The Shipping Master visited 47 vessels during the year to enquire into the health of crews, and into accidents and casualties happening on board, and for the inspection of provisions, water, medical stores, and forecastle accommodation. No complaints were made regarding bad or insufficient food,

20. No seamen were shipped or discharged at False Point during the year. The Shipping Master paid six visits to vessels in port and found that the provisions, water, and medicines supplied to the crew, as well as the forecastle accommodation, were good and ample, and no complaints were made.

1450 SUPPLEMENT TO THE CALCUTTA GAZETTE, AUGUST 23, 1899.

21. At Balasore only one seaman was discharged during the year. There were no casualties or desertions, and no irregularity was noticed in the course of the enquiries made as to the health of the crews and the provisions

22. No transactions under the Merchant Shipping Act are reported to have taken place at the port of Puri.

By order of the Lieutenant-Governor of Bengal,

R. B. BUCKLEY,

Secy. to the Govt. of Bengal.

the transfer of the prompty of the state of the last ERRATUM-No. 4214S.

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The 18th August 1899.—In line 10 of paragraph 12 of Resolution No. 41238., dated the 14th August 1899, published at pages 1408 to 1413 of the Supplement to the Calcutta Gazette of the 16th idem, for the words "the work has been taken in hand" read "the work of preparing the preliminary estimates has been taken in hand."

E. N. BAKER, Off g. Secy. to the Goot, of Bengal. the sales and street of the front total of the

RESOLUTION ON THE REPORT ON THE ADMINISTRATION OF THE CUSTOMS DEPARTMENT FOR THE YEAR 1898-99.

FINANCIAL DEPARTMENT .- SEPARATE REVENUE,

Calcutta, the 21st August 1899.

RESOLUTION -- No. 4811S.R.

READ-

The report on the Administration of the Customs Department for the year 1898-99.

Read also—

The report of the previous year and Government Resolution thereon.

An important change was effected in the tariff during the year under review by Act XIV of 1899, which was passed for the purpose of enabling countervailing import duties to be levied on bounty fed articles, and which was made effective against all bounty fed sugar by the orders of the Government of India. The additional duty was, however, not paid before the close of the year, as the orders apply to imports under bills-of-lading signed subsequently to the passing of the Act referred to. The duty on lever boxes was reduced from 5 per cent. to 1 per cent., and machinery and component parts thereof for the manufacture of paraffin candles and for the distillation of spirits and nitrate of soda, muriate of potash, sulphate of ammonia, sulphate of potash and kainit salts, singally and sozille, were exempted from duty. Since the close of the year, all machinery has been exempted from duty, thus removing a fertile source of inconvenience and misunderstanding.

2. The following statement compares the gross and net customs duty collected during the last five years and in the years before and after the remis-

sion of the import duties in March 1882.

	1880-81.	1881-82.	1882-83.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.
1	2	3	4	5	6	7	8	9
	Rs.	Rs.	Rs.	Rs.	Re.	Rs.	Rs.	Rs.
Import duty (excluding duty on salt).	72,72,428	61,72,991	14,87,018	87,46,191	1,48,97,056	1,33,52,564	1,31,95,729	1,34,33,919
Export duty	2,27,44,388 17,99,354	2,37,15,928 20,46,899	1,74,72,613 21,28,492	2,44,40,900 20,36,109	2,46,81,573 20,96,811	2,46,60,494 13,30,201	2,43,29,785 13,47,631	2,45,93,923 22,80,851
Total gross duty	3,18,16,170	3,19,35,818	2,10,88,123	3,52,23,200	4,16,75,440	3,93,43,259	3,88,73,095	4,03,08,693
Refunds and drawbacks— Import Export	3,37,696 71,979	3,04,426 1,05,549	3.20,686 1,16,840	3,12,540 53,842	3,58,764 65,321	3,36,540 69,459	3,27,761 39,390	4,02,279 93,221
Total	4,09,075	4,09,975	4,37,476	3,66,383	4,24,085	4,05,999	3,67,151	4,95,500
Total net duty	3,14,07,095	3,15,25,843	2,06,50,647	3,48,56,818	4,12,51,355	3,89,37,260	3.85,05,944	3,98,13,193

The total net duty collected during the year rose from Rs. 3,85,05,944 in 1897-98 to Rs. 3,98,13,193, showing an increase of Rs. 13,07,249 or 3.4 per cent. The increase occurred under all the heads, the largest being under export duty, which advanced by Rs. 8,79,389. This is said to be due to the unprecedented contraction in the shipments of rice in the preceding year on account of the famine. There was an increase of Rs. 2,22,924 in the import duty on general merchandise, and Rs. 2,04,936 in the realisation from duty on salt. The charges for the year, inclusive of refunds and drawbacks, amounted to Rs. 13,36,370 against Rs. 12,00,094 in the previous year. The total net receipts, including receipts other than duty, improved from Rs. 3,79,73,556 in 1897-98 to Rs. 3,93,02,058 in the year under review, thus showing an increase of Rs. 13,28,502 or 3.5 per cent.

3. The subjoined table compares the collections of import and export duty on articles other than salt at the different ports in the past two years:—

Import Duty.

The State of the S		Calcu	utta.	Chitta	gong.	Orissa	ports.	Naray	nganj.	Tole	u.
	de	1897-98.	1898-99.	1897-98.	1808-99.	1897-98.	1898-99.	1897-98.	1898-99.	1897-99.	1898-99.
1		2	8	4	5	6	7	8	9	10	11
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Arms and ammunition Liquors		1,74,750 18,43,228 1,63,156 1,51,652 3,05,729 5,89,318 6,35,617 2,35,260 3,283 27,09,418 4,03,453 40,73,456 1,44,140 45,386 8,09,767 35,776 7,81,515	1,73,777 19,96,073 1,44,293 1,70,628 2,74,042 4,80,278 5,81,458 2,094 4,16,834 4,54,890 46,81,015 1,43,346 1,73,347 47,784 6,16,855 2,7,744	201 227,402 248 603	7 1,524 483 818 416 153 5 68,953 124 26 203 22	401	1,046			1,74,754 18,34,062 1,58,482 1,51,682 3,00,845 5,89,763 6,95,018 2,35,461 2,35,461 2,37,197 4,03,456 40,73,436 1,44,388 1,44,388 46,386 46,386 8,00,767 35,776 7,82,895	1,73,78 19,97,59 1,44,77 1,70,62 2,74,86 4,83,70 2,92 2,99 24,85,88 4,55,0] 46,81,01 1,43,37 73,57 47,80 6,16,85 22,74 8,29,73
Total		1,31,62,444	1,33,57,367	32,597	75,342	688	1,210			1,31,95,729	1,34,83,91

Export Duty.

그리아가 없어요요? 하는 얼마를 하는 사람이라. 하	(P. S. ASSA) (A. S. S. S. S.		[[[[[[[[[[[[[[[[[[[[[
or of the t	projection.	1897-98.	1898-99.
Calcutta Chittagong Orissa Ports		Rs. 11,43,346 10,204 1,94,081	Rs. 20,04,264 27,377 2,49,210
Narayanganj	A 1/4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	******	*****
Total		13,47,631	22,50,851

In import duty the decrease occurred chiefly under oil (Rs. 2,51,308),

metals (Rs. 1,06,070) and silver bullion (Rs. 1,83,912); while there was a marked increase under cotton goods (Rs. 6,07,579) and liquors (Rs. 1,53,535).

4. The value of Trade.—The following table shows the value of the import and export trade of the province, both foreign and coasting, in the past two years under the three main heads of Merchandise, Treasure and Government transactions:-

20/36-16	MERCHA	MERCHANDISE.		TREASURE.		INMENT CTIONS,	Тот	A L.		
	1897-98.	1898-99.	1897-98.	1898-99.	1897-98.	1898-99.	1897-98,	1898-99.	Increase.	Decrease.
1.	2	3	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		6	7	8	9	10.	- 11
IMPORT TRADE.	Rs. 28,04,06,744 8,12,42,689	Rs. 27,94,90,056 5,96,70,937	Rs. 8,26,10,705 53,83,472	Rs. 3,62,20,891 24,23,625	Rs. 2,13,25,189 10,38,921	Rs. 1,80,77,447 15,99,995	Rs. 33,43,42,638 8,76,65,082	Rs. 33,37,88,394 6,36,94,557	Rs.	Rs. 5,54,244 2,39,70,525
Total EXPORT TRADE.	36,16,49,433	33,91,60,993	3,79,94,177	3,86,44,516	2,23,64,110	1,96,77,442	42,20,07,720	39,74,82,951		2,45,24,76
Foreign	45,12,89,346 8,04,07,906	45,95,28,470 17,47,63,956	1,18,30,971 1,27,09,629	76,04,505 84,35,515	5,46,914 33,58,798	3,10,440 29,28,404	46,36,67,231 9,64,76,333	46,74,43,415 8,61,27,875	37,76,184	1,03,48,458
Total	58,16.97,252	58,42,92,426	2,45,40,600	1,60,40,020	39,05,712	32,38,844	56,01,43,564	55,35,71,290	1123350	65,72,274
GRAND TOTAL TRADE OF THE PROVINCE	89,33,46,685	87,34,53,419	6,25,34,777	5,46,84,536	2.62,69,822	2,29,16,286	98,21,51,284	95,10,54,241	o ola rad cer l aa	3,10,97,045

The total net value of the foreign import trade in merchandise showed a decrease of Rs. 9,16,688 or 3 per cent. The decrease is exclusively in free goods, there having been an increase in the receipts of dutiable goods. The decrease, however, is very small and calls for no remarks. Owing to

larger receipts of gold from the United Kingdom, Australia and China, there was an increase of Rs. 36,10,186, or 11 per cent., in the imports of treasure. The total value of the stores imported on behalf of Government stood at Rs. 1,80,77,447 against Rs. 2,13,25,189 in the previous year. This decrease is ascribed to smaller receipts of railway materials and metals, chiefly pig iron, which, owing to the rise in prices in England, had to be supplied from the local iron works. The total value of the foreign export trade in Indian produce shows an improvement of Rs. 79,23,289. The improvement was exclusively in dutiable articles and is due to larger shipments of rice and paddy to almost all the importing countries. The value of exports of Government stores fell off by 43 per cent. The decrease was confined to the exports of foreign stores and was owing to the unusually large shipments of copper coin to the Straits Settlements in the previous year. As in previous years, there were no exports of treasure on account of Government. In the coasting trade there was a decline of 26 per cent, and of 7 per cent, respectively, in the value of imports and exports of merchandise. The decrease in the former is attributable to the smaller imports of rice from Burma, and in the latter it is attributable to the falling off of the trade with Bombay, and is confined to oil seeds and jute manufactures. The existence of plague must have affected this branch of the trade of Bengal with Bombay. Including Government transactions, the total value of the trade of the province stood at Rs. 95,10,54,241 against Rs. 98,21,51,284 in the previous year, showing a decrease of Rs. 3,10,97,043 or 3.1 per cent.

5. Trade of Calcutta with foreign countries - The following table shows the total value of the foreign trade of Calcutta with the several countries with which commercial transactions were maintained and the proportion in which

it was divided between them during the past five years:-

	1894-	95.	1895-9	16.	1896-9	7.	1897-9	98.	1898-9	19.
	Value.	Percentage.	Value.	Percen-	Value.	Percen-	Value.	Percentage.	Value.	Percentage.
1	2	3	•	8	16	7	8	9	10	n
United Kingdom Germany United States China { Hong-kong} China { Treary ports} Ceylon Straits Settlements Australia France Austria-Hungary Mauritus Belgium Italy Other countries	4,71,37,018 5,16,75,643 3,73,67,866 37,88,092 1,90,91,835 3,22,98,153 1,47,01,863 2,01,48,307 1,43,08,062 95,37,595 76,87,997	57*44 6*43 7*05 5*10 2*60 4*40 2*75 1*95 1*30 1*48 5*95	Rs. 41,53,62,935 4,69,01,608 5,29,34,042 4,04,67,746 17,23,051 2,03,40,341 3,11,77,186 1,58,30,115 9,00,64,367 1,48,66,672 73,46,803 1,06,30,614 1,14,37,040	56.24 6.35 7.16 5.46 223 2.76 4.22 2.15 2.75 1.95 1.00 1.44 1.54 6.75	Rs. 45,02,57,267 6,15,28,793 4,58,54,434 4,11,46,157 11,75,142 1,46,44,078 3,01,31,028 1,50,34,678 1,90,66,216 1,31,70,603 87,52,234 1,13,08,365 1,06,14,914	58*57 6*70 5*96 5*35 1*90 3*92 1*95 2*48 1*71 1*14 1*47 1*37	Rs. 41,17,45,761 -5,65,68,818 5,84,97,467 -4,37,28:131 -13,17,388 2,71,64,820 2,80,46,126 1,84,64,124 1,80,83,386 1,46,33,385 1,16,47,935 1,18,88,362 1,20,21,423 5,05,80,124	53'87 7'40 7'65 5'72 '17 3'55 3'67 2'42 2'37 1'91 1'52 1'56 6'68	Rs. 40,45,42,210 5,56,42,118 5,47,41,279 4,40,49,627 11,50,144 3,08,66,800 3,04,23,372 2,38,18,463 1,63,47,162 1,46,102,144 1,45,24,420 1,01,46,702 5,45,60,981	7:21 7:08 5:71 15 4:00 3:93 3:11 2:15
Total	73,25,02,389	100.00	73,87,85,412	100.00	76,86,61,580	100.00	76,43,87,759	100.00	77,20,46,359	100.00

It will be seen that, as usual, the bulk of the trade was carried on with the United Kingdom, but the proportion which this branch bears to the entire foreign trade of the port declined during the year from 53.87 per cent. in 1897-98 to 52.38 per cent. The falling off in value was equivalent to nearly 2 per cent., and the total trade recorded is the smallest since 1892-93. decrease occurred in both imports and exports. The falling off under imports is chiefly due to the smaller imports of treasure, as there was an improvement in the imports of merchandise, chiefly cotton, woollen and silk goods; while the short despatches of raw jute, jute manufactures, lac, hides and skins, raw silk, saltpetre, woollen manufactures, raw wool, and cotton (raw) account for the decrease under exports. There was a great reduction in the value of tea despatched to the United Kingdom, though the quantity despatched was nearly two million pounds in excess of that of the previous year. Germany has gone ahead of the United States, and occupies the second place in the list; but the total value of the trade shows a decline of 1.6 per cent., as compared with that of the previous year. There was a remarkable reduction in the trade of beet sugar, and it is believed that the additional duties recently imposed on this article from bounty-paying countries will check its growth in future years. The United States occupy the third place in the list. The falling

off was entirely in exports. It is worthy of note that for the first time, the United States supplied themselves with paddy from this port in the past year. As in the previous year, China occupies the fourth place, her share in the trade being 5.86 per cent. against 5.89 per cent. in the previous year. The total value of trade, however, shows a slight advance, equal to 7 per cent., on the total value of the previous year's trade. The quantity of opium despatched to Hong Kong rose in quantity from 22,771 chests to 23,519 chests, and its value stood at Rs. 2,47,09,110 against Rs. 2,35,06,832 in the previous year. Ceylon comes next and has changed place with the Straits Settlements. The value of trade has risen higher than that of the previous year, showing an increase of 14 per cent. The increase is due chiefly to the larger imports of treasure and is also attributable to heavier exports of grain and pulse and coal. The trade with the Straits Settlements has improved considerably, and shows a percentage of 3 93 against 3.67 in the previous year. It is worthy of note that glass wares were for the first time imported from the Straits. The increase of 29 percent. in the trade with Australia is attributable to the increased importation of gold and of horses. It is remarkable that out of a total quantity of gold valued at nearly 234 lakhs, about 77 lakhs were received from Australia. No copper, however, was imported from Australia during the past year. The trade with France fell by 8 per cent. This is mainly due to the diminution of exports owing to the smaller despatches of oil seeds, raw jute, hides and skins, and raw cotton. In imports there has been an increase of 46 per cent. which is attributable to larger receipts of silk piece goods and other articles of luxury. The increase of 11 per cent. in the total value of the trade with Austria-Hungary in spite of the large decrease in the exports of raw hides, raw jute, raw cotton, lac and jute manufactures, is accounted for by the transfer to that country of the bulk of the sugar trade lost by Germany and the United Kingdom, and by the larger receipts of woollen and cotton goods, metals, paper and apparel. In the trade with Belgium there was an improvement of 22 per cent. due to larger imports of matches and cotton twist, and to the more extensive shipments of oil-seeds and grain and pulse. The trade with Italy fell by 16 per cent. owing chiefly to the smaller despatches of raw jute, raw cotton and til seed. The improvement of 25 per cent. in the Mauritius trade is attributed to the increased exports of rice and treasure and imports of sugar.

6. Shipping in Calcutta.—The proportion which the trade of Calcutta carried through the Suez Canal during the year under review bore to its total foreign trade was 72.6 per cent. as against 73.9 per cent. in the previous year, a unable change clearly due to the increased traffic with Ceylon and South Africa. The table below compares the total shipping entering inwards and clearing outwards without touching at any other port and the aggregate tonnage in the past two years:—

District Colors	and the second second		189	07-98.	1898-99.		
edus, escel 12 stationes	an an argument	- i III 1004	Number.	Tonnage.	Number.	Tonnage.	
	1 -1 is 14 and		2	3	4	5	
Steam vessels Sailing ,, Native craft	10 00 00 00 00 00 00 00 00 00 00 00 00 0		764 248 13	1,669,694 447,218 2,131	851 203 18	1,926,893 341,181 2,757	
	Total .		1,025	2,119,043	1,072	2,270,831	

It will be seen that there was an increase of 87 steam vessels and 5 native craft, and a decrease of 45 sailing vessels representing an advance of 151,788 in tonnage.

7. Imports into Calcutta.—The total value of imports including treasure, but excluding Government transactions into Calcutta from foreign countries rose from Rs. 31,11,60,201 in 1897-98 to Rs. 31,46,65,272, showing an increase

of Rs. 35,05,071 or 1·1 per cent. The increase occurred under treasure (Rs. 36,10,186 or 11 per cent.) against a decrease of Rs. 1,05,115 or 0·3 per cent. under merchandise. The total values of the principal articles of merchandise imported into the port during the last two years are shown below:—

100 Co. 100 Co. 100 Co. 100 Co. 100 Co. 100 Co. 100 Co. 100 Co. 100 Co. 100 Co. 100 Co. 100 Co. 100 Co. 100 Co			1897-98.	1898-99.
			Rs.	Rs.
Cotton goods			11,73,52,665	13,76,60,884
Twist and yarn			91,05,988	74,84,700
Metals			2,79,42,502	2,23,55,071
Mineral oil	***		1,67,25,583	1,61,90,957
Machinery (excluding	railway	y plant)	1,37,87,504	99,90,071
Sugar			1,19,99,614	1,06,49,885
Liquor			46,34,700	48,10,527
Salt			67,19,749	51,80,519
Hardware and cutlery	***		51,00,523	47,81,677
Woollen goods	•••	***	41,75,327	53,03,524

The total imports of cotton goods, including twist and yarn, exceeded those of the year 1897-98 by about two crores of rupees in value or by 14 per cent. The heavy fall in the value of imports under twist and yarn is attributed to reduced price of the raw material, to the overstocking of the market in consequence of enormous receipts in 1897-98, and to some improvement in the purchasing power of the rupee. As regards the increase under cotton goods the Collector of Customs writes:—

"All this indicates a healthy revival of the cotton trade after the unsatisfactory years 1896-97 and 1897-98, and is attributable to the increasing prosperity of the people, a steadier exchange, and an easier money market. Confidence was early restored, and has been followed by a steady flow of business. The quantity imported is a record for the past decade, though this is not the case as regards the value of the trade. In the Lancashire industry almost every mill is reported to have shown a profitable working during the year, and there seems every prospect of a continuance of prosperity in that trade."

The decrease of 19.9 per cent. in metals is ascribed to the increased demand at home and the consequent advance in prices. There was a decrease of 3.2 per cent. in the value of imports of mineral oil as compared with the previous year, though the quantity increased by 2.1 per cent. Russian and United States oils made a slight progress; but the trade in Sumatra received a check in the year under review, and it is said that many of the wells there which were yielding very large supplies have been exhausted, while others which are still working are yielding a reduced quantity. The Collector of Customs believes that this result is only temporary. Machinery and mill work fell off by 27.5 per cent. The decrease is attributed to the absence of demand for new machinery. As anticipated by the Collector of Customs in the previous year's report, the articles imported consisted chiefly of "spares" and "renewals," and it is said that the local foundries and Railway Workshops now make a variety of articles formerly obtained from abroad. The Collector of Customs observes that paper and flour industries show no signs of requiring more machinery, but the development of electric lighting and motive power may be expected to lead to further importations. Sugar shows a decrease of 6.9 per cent. The decrease was shared by the United Kingdom, Germany, China, Straits Settlements and other countries, while Austria-Hungary, Mauritius and Java show a material increase. Act XIV of 1899 for dealing with bounty-fed articles did not come into force till the 20th March 1899 and hence the new duties have not affected imports during the year under review.

The increase of 24.7 per cent. in the importation of ale, beer and porter is attributed to the return of the European troops whose messes are supplied with English beer from Calcutta, from the frontier expeditions during which the trade was diverted to Karachi. "Pilsener" Beer which is said to include all brands called by that name, whether made in England or on the continent has maintained the first place. Next comes "Ind Coope" followed by "Tennant," "McEwan" and "Bass." "Younger and Sons" has fallen from the second to the ninth place. A new brand, that of Fraser and Company, has gained a good position during this its first year and comes next to to "Younger and Sons." The improvement of 6 per cent. in the imports of

spirits and liquors was shared by all descriptions of spirits with the exception of gin. In brandy there was an increase of 3,568 gallons, owing to larger imports from the United Kingdom and France. The total importation of wine has fallen from 115,706 gallons in 1897-98 to 109, 715 gallons, showing a decrease of 5.1 per cent. The decrease occurred in claret (6,701 gallons), port (317 gallons), and sherry (848 gallons), while champagne and other wines increased by 350 gallons and, 1,525 gallons respectively. The falling off of 13.9 per cent. in the Salt trade both in the imports from foreign countries (except Egypt which shows slight increase) and from Indian ports is said to be due to the abnormally high imports of the preceding year and the consequent overstocking in bond. Hardware and cutlery fell by 6.2 per cent. owing to smaller receipts from the United Kingdom, as there was an accumulation of stocks due to heavy importations from that country during the two preceding years. Continental manufactures nevertheless advanced by more than 51 per cent. owing, it is said, to their low prices, and close resemblance to British goods. In woollen goods there was an improvement of 27 per cent. The import trade in these goods seems to have partially recovered from the effects of the famine of the two previous years; but it is still considerably below the average. Amongst other imports matches improved by 6.6 per cent. and apparel by 4.9 per cent.; while agricultural implements declined by 32.6 per cent. drugs and medicines by 8 per cent. and umbrellas by 25.4 per cent. The use of matches locally made was generally discontinued. The imports of umbrellas from other countries than the United Kingdom have almost ceased.

8. Exports from Calcutta.— The total value of exports from Calcutta to foreign countries, including treasure, but excluding Government transactions, rose from Rs. 45,32,27,558 to Rs. 45,73,81,087, an increase of Rs. 41,53,529. The value of the trade in the principal exports in 1897-98 and 1898-99 is compared in the table below:—

			1897-98.	1898-99.
			Rs.	Rs.
Jute, raw			9,52,93,179	6,41,35,484
Jute gunny-bag	gs	•••	3 67,97,541	3,35,62,035
Opium			3,89,39,565	4,31,81.485
Tea			7,64,72,151	7,56,53,974
Oilseeds			2,83,52,999	4,05,98,627
Rice			2,62,12,760	4,23,60,709
Indigo	***		1,75,51,045	1,87,05,530
Hides and skin	8	• • •	4,17,17,531	3,82,58,162
Wheat			3,71,510	1,62,00,154
Raw cotton			65,81,118	67,69,890
Lac			1,06,15.262	85,59,711
Silk, raw	•••	•••	49,77,274	44,30,413

The total exports of raw jute decreased in quantity by 35.4 per cent. and in value by 33.6 per cent. This is attributed to the diminution in the area of land cultivated with jute during the year and the consequent short crop. The Collector of Customs writes:—

"The published forecasts of the past season's crop were not favourable. Both the area under cultivation and the outturn per acre were estimated to be considerably below the average, and that estimate seems to have been fully justified. Climatic influences further prevented the proper germination and healthy development of the plant; and, as a consequence, the crops were not only insufficient but also unsatisfactory and of light weight and vastly inferior to the outturns of previous years. The diminution in the area cultivated with jute was due to larger areas being utilized for food-crops, to replenish stocks after the famine and in the expectation of obtaining high prices for rice—an expectation which was, however, disappointed in consequence of the abundant harvest everywhere. A better jute crop is expected this year."

Smaller exports were made to the United Kingdom, Austria-Hungary, France, Germany, Italy, Spain, and the United States, while China, Japan and Australia took larger supplies. In jute gunny-bags there was a falling-off of 8.5 per cent. mainly due to the short jute crop, and also, it is said, to the scarcity of labour in the jute mills owing to the plague scare. In the total exports of opium there was an increase of 8.8 per cent. due to the larger shipments to the Straits, Hong Kong, and Cochin China. The exports of tea increased by over four million pounds or 2 8 per cent. owing to larger shipments

to all the importing countries except Australia, Cape Colony, and the Straits. The production of the last year was the largest on record. The majority of the teas of the past year have been of common grades; and the average price stood at 8 annas 1 pie per fb for the year against 8 annas 5 pies in 1897-98. The price per lb has now gone back to the average of the 5 years preceding the great rise of 1894-95. The growth of the consumption of Ceylon tea in the United Kingdom was suddenly checked in the past year. In oilseeds there was an increase of 54 7 per cent. Among these, linseed the principal article of export, increased by 83.8 per cent. owing to larger shipments to the United Kingdom France, Germany, and Holland. Poppy seed also advanced by 17.8 per cent. while rape and til, the other seeds exported, declined by 22.7 per cent. and 96.8 per cent. respectively. There was a marked improvement in the total shipments of rice and paddy equal to 83.5 per cent. over the previous year, the result of an abundant rice harvest in Bengal during the past year. Larger supplies were taken by all the consuming countries, with the exception of Réunion and China. In indigo there was an increase of 14.5 per cent. due to increased outturn and to a reduction of stocks in the home market. The average selling price, however, as declared in the shipping bills, shows a further decline from that of the previous year, having fallen from Rs. 180 to 168 per maund. The Collector of Customs observes:—

The unsatisfactory state of the market, brought about by over-production in previous years and by the consequent retention of large stocks in the home markets, to which a number of producers shipped direct in the hope of securing better prices that never came, coupled with the fact that the bulk of the production of subsequent seasons has been of unsuitable or inferior qualities, has been further accentuated during the last year or two by the scare about the production of artificial indigo, at a much lower price than had been thought possible, by the Badische Company in Germany. This, it is known, was, however, being produced at a loss; and as it is now said to be less suitable than the natural dye for many purposes, the scare has, for the present, ceased. Happily, however, this scare has now worked itself out, as the synthetic or artificial indigo, the product of German laboratories, has been found unsuitable for many purposes, and it will not, therefore, seriously interfere with the natural dye.

The export of raw hides, the largest item under the head of hides and skins, decreased by 13 per cent owing to heavy shipments of those articles to the continent of Europe and America, from the Cape of Good Hope, where there was a great mortality in cattle due to rinderpest. The decline of 9·3 per cent. in dressed hides is attributed not only to smaller supply, but also to a smaller demand. There was, however, an increase of 9·3 per cent. in raw skins due to larger supplies to the United States. The quantity of wheat exported during the year was nearly 46 times larger than in the previous year owing to the abundant harvest of the year under review. This was due to the great but temporary rise in price, occasioned by the Spanish-American war, and by speculation in the States. The trade in raw cotton with Austria-Hungary increased by 205·8 per cent., with Belgium by 281·5 per cent., with Germany by 17·4 per cent., with China by 19·1 per cent., and with Japan by 263, while the trade with the United Kingdom fell away by 28·7 per cent., with France by 60·4 per cent., with Italy by 42·9 per cent., and with other countries by 38·8 per cent. The total exports of raw cotton were 12·5 per cent. in excess of those of the previous year. The exports of shellac decreased in quantity by 23 per cent. owing to shorter despatches to all the importing countries with the exception of the United States. The decrease in the value of the exports is attributed to the limited demand for the established and more expensive marks. There was a falling-off of 2·3 per cent. in the exports of raw silk as compared with 1897-98. The trade with the United Kingdom fell by 26 4 per cent., while France and Italy took 25·1 per cent. and 32·1 per cent. more than in 1897-98. The quantity exported to "other countries" also increased by 268·3 per cent. The Collector of Customs observes:—

There can be no doubt that the greater care now taken in the reeling of Bengal silk is causing it to be more generally used, and is opening out new outlets for it. But the industry has to contend with the dire disease, pebrine, which well nigh ruined sericulture in France. The Europeans interested in the trade have for a long time been trying to induce the native rearers to adopt Pasteur's system of seed-selection and rearing, but with very little success. The Committee now working at Berhampore have, however, succeeded in interesting a few rearers in that system, and it is to be hoped that the success which these rearers have had

with their worms will induce others to take it up. Owing to the ravages of pebrine during the year under review, the total quantity of cocoons produced was less than in the preceding year. As, however, the European filatures took almost the same quantity as before, the production of native reeled-silk suitable for local consumption was considerably reduced.

In the important districts of Malda and Rajshabi the interest taken in the new methods is much more intelligent and keen than it is in Berhampore, and the Lieutenant-Governor from what he saw there has reason to hope that the protection given by these methods will lead to a rapid expansion of

an ancient industry.
9. Treasure.—The increase of 38.1 per cent. in the value of the net imports of gold and silver combined was, it is said, due, to a certain extent, to the excess of exports of Indian produce over imports into it, to an improvement in the exchange value of the rupee and to the unfavourable exchange between Australia and England. The importation of gold increased by 46.4 per cent., while there was a decrease of 22.8 per cent. in the imports of silver. The exports of gold were nominal, and there was a decrease of 36.5 per cent. in the

exports of silver owing to smaller supplies to every country except Mauritius.

10. Subordinate Ports.—The total value of the foreign trade of the port of Chittagong fell from Rs. 81,50,349 to Rs. 68,25,931, showing a decline of Rs. 13,24,418 or 16 per cent. This took place both in imports (44 per cent.) and exports (8 per cent.) and is attributable chiefly to smaller receipts of salt from the United Kingdom and of railway materials for the Assam-Bengal Railway, and to non-receipt of kerosene oil from America, as well as to the absence of shipments of raw jute to Dunkirk and the diminished exports of tea. exports of rice, however, advanced owing to the good crop of last year. The imports of liquors from foreign and Indian ports rose by 12 2 and 12 3 per cent. respectively. In the coasting trade, the imports largely diminished owing to smaller receipts of raw jute from Narayanganj, while larger shipments of country goods, viz., grain and pulse to Akyab, mitigated by a smaller shipment of treasure to Calcutta and Rangoon, raised the value of the exports.

The total value of the trade, both foreign and coasting, at the Orissa ports, as compared with 1897-98, decreased at Balasore from Rs. 1,45,67,116 to Rs. 1,44,95,217 and at Cuttack from Rs. 27,63,354 to Rs. 26,41,553, while at Puri it rose from Rs. 4,61,219 to Rs. 6,00,912. The net amount of Customs duty, inclusive of the duty on imported salt collected at the Orissa ports, however, rose from Rs. 5,91,736 to Rs. 6,02,704, showing an increase of Rs. 10,968 or 1.8 per cent. The improvement is chiefly attributed to larger

collections made on account of export duty at all those ports.

The trade at Narayanganj, which is carried on, as usual, with coast ports only, fell from Rs. 60,40,026 to Rs. 45,47,277, showing a decrease of Rs. 14,92,749 or 24 per cent. This was the combined effect of a decrease of Rs. 16,37,414 or 28.3 per cent. in exports and an increase of Rs. 1,44,665 or 56.2 per cent. in imports. Salt was the only dutiable article imported into this port and the duty on it rose from Rs. 7,15,777 to Rs. 9,89,103, showing an increase of Rs. 2,73,326, or 38.2 per cent. The trade in kerosene oil re-appeared and the quantity imported was 317,084 gallons during the year, but large supplies are said to be still obtained by other routes from Calcutta. The exports of rice increased by 2, 13 cwt. or 41 per cent. The decline in exports from Narayanganj is said to be partly due to a short crop of jute and partly to the cheaper rates of freight charged by the direct inland service of steamers to Calcutta by which route raw jute was shipped to Calcutta in preference to Chittagong.

11. The Lieutenant-Governor's thanks are again due to the Board of Revenue and the Collector of Customs for their supervision of the Department during the year. The report of its operations is as usual full of interest. The names of the officers who have been favourably mentioned by the Board will

be communicated to the Appointment Department

By order of the Lieutenant-Governor of Bengal,

E. N. BAKER,

Offg. Sicy. to the Govt. of Bengal.

WORKING OF THE LICENSED WAREHOUSE AND FIRE-BRIGADE ACT. I OF 1893, IN THE HOWRAH MUNICIPALITY DURING THE YEAR 1898-99.

No. 4247 M .- The 19th August 1899 .- The following report is published for general information in accordance with the provisions of section 41 of the Licensed Warehouse and Fire-Brigade Act, I of 1893.

> E. N. BAKER, Offg. Secy. to the Govt. of Bengal.

ANNUAL REPORT FOR 1898-99 UNDER THE LICENSED WAREHOUSE AND FIRE-BRIGADE ACT, I OF 1893, AS AMENDED BY ACT I OF 1894.

Dated Howrah, the 1st July 1899.

From-F. W. Duke, Esq., Chairman, Howrah Municipality, To-The Magistrate, Howrah.

I have the honour to report that 263 warehouses were licensed in 1898-99 of the 334 registered during that year against 297 of the 394 registered in 1897-98, the details being as follows :-

YEAR.	Jute.	Cotton.	Straw.	Wood	Hay.	Total.	REMARKS.
1	2	3	4	5	6	7	8
Registered 1897-9	8 30	39	92	230	3	394	Exemptions under Notifica-
Ditto 1898-9	33	32	76	190	3	334	tion No. 2853M., dated the 14th August 1893,
Licensed 1897-9	3 28	32	56	178	3	297	account for the difference between the number of
Ditto 1898-9	9 28	28	50	154	3	263	registered and licensed warehouses.

The apparent falling off in the number of warehouses was owing to both the closed and the opened ones in 1897-98 being shown as existent in the previous report, as the closed ones were not struck off the license register during that year.

2. The income from license fees during that year.

2. The income from license fees during the year under report amounted to Rs. 5,977, of which Rs. 658 were collected on account of arrears for 1897-98 and Rs. 154 represent the increment from 22 new licenses. In the year 1897-98, the collection amounted to Rs. 5,388, of which Rs. 307 accrued from arrears of 1896-97. There was thus a substantial increase of Rs. 589 in the gross income of 1898-99 over the income of the previous year.

The demand collection, remission and belong of 1898-99 are shown in Appendix A

3. The demand, collection, remission and balance of 1898-99 are shown in Appendix A, and the details of licenses granted in this year to jute and cotton warehouses are entered in Appendix B. Owing to the comparative unimportance of the 207 licenses granted for the storage of straw, wood and hay in 1898-99 against 237 in the previous year, they have not been entered in Appendix B, and it may be noted that such licenses have only been levied under the Fire-Brigade Act since July 1893, prior to which they were levied under section 261 of the Bengal Municipal Act.

4. There were 43 prosecutions, which realised Rs. 60-8 against 54 in the previous year, which realised Rs. 45, but 23 of the prosecutions in the year under report were withdrawn on

payment of fees and costs.

5. The expenditure incurred in assessing and collecting license fees amounted to Rs. 863-7:-

				Rs.	A.	
Salary of general supervisor a	nd assessor			500	0	
Salary of inspector	1.1			175	0	
Commission of inspector				75	0	
Salary of clerk	***		•••	67	15	
Peon	•••	•••		45	8	
morph three To Character		Total	10-72 (1 Table)	863	7	

The fire-brigade establishment, as hitherto, remained under the control of the Commissioner of Police, Calcutta. The fire-brigade station in Howrah stands in a very central position north of the municipal market, and from a wooden stage raised over it the whole town is overlooked. There were 12 fires during the year, the details of which are given in Appendix C: besides these there were four other petty fires, at two of which the fire-brigade attended, and two were extinguished by the residents of the localities.

7. The Commissioner of Police demanded Rs 3,340 for the maintenance of the fire-brigade in 1898-99, and this amount was remitted to him during the year.

brigade in 1898-99, and this amount was remitted to him during the year.

APPENDIX A.

Statement showing the demand, collection, remission, and balance in Howrah on account of contributions for the fire-brigade during 1898-99.

		DEMAND.			COLLECTION	۲.		REMISSION.		PT 100-20-0841	BALANCE.	
Description.	Arrear.	Current.	Total.	Arrear,	Current.	Total.	Arrear.	Current.	Total.	Arrear,	Current.	Tot
1	2	8	4	5	6	7	8	9	10	11	12	12
	Rs. A. P.	Rs. A. P	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
(a) Rate on warehouses under sections 10 and 24.	749 7 8	5,575 9 3	6,325 0 6	658 0 3	5,318 14 0	5,976 14 3	91 7 0		91 7 0		256 11 3	256 1
(b) Rate on other go- downs under sec- tion 25 [1]a.*												
(c) Rate on bastis under section 25 [1]b.*												
(d) General rate under section 25 [1]c.*	•••					-						-
Total	749 7 3	5,575 9 3	6,325 0 6	658 0 3	5.318 14 (5,976 14 3	91 7 0		91 7 0		256 11 3	256 1

No assessment was made under these sections.

APPENDIX B.

List of Jute and Cotton Warehouses licensed during the year 1898-99.

Register No.	Name of owner or occupier, or both.	Locality.	Number of ware- houses.	Annual valua- tion.	A mount of arrear fees realised during the year 1898-99.	Amount of fees realised for the year 1898-99.	Total amount of fees,	Date of payment.	Remarks
1	2	8	4	5	6	7	8	9	10
	Jute.			Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.		priside and a second
1	Messrs. P. E. Guzdar and	36, Jaya Bibi's Lane	10 Warehouses	7,365		276 3 0	276 3 0	19th August 1898.	en perfecult
2	Company. Central Jute Mills Company, Limited.	38, Ditto	2 Ditto	3,000		112 8 0	112 8 0	12th January 1899.	Appropriate la la la la la la la la la la la la la
3	Nasmyth's Patent Press Com- pany, Limited.	95, Old Ghusari Road	15 Ditto	11,060		414 12 0	414 12 0	25th March "	mater facility
4	Messrs. W. H. Harton and Company.	123, Ditto	1 Warehouse	1,200				3660,000	Vacant.
4 a 5	Ditto ditto Ditto ditto	123, Ditto 123, Ditto	1 Ditto Portion of ware- houses.	600 450	::::	16 4 0	16 4 0	14th January 1899.	Do.
•	Messys. Anderson, Wright and Company.	28, Howrah Road	13 Warehouses	9,250		309 6 0	309 6 0	14th .,	2
7 7a 7b	Messrs. Burjorji and Framji Ditto ditto Ditto ditto	4, Khetra Mitra Lane 4-1, Ditto 4-3, Ditto	1 Wa chouse 2 Warehouses 2 Ditto	873 625 575		13 15 9 28 7 0 21 9 0	13 15 9 23 7 0	12th " "	
8	Messrs. Ewing and Company Howrah Mills Company, Li- mited.	54, Rosemary Lane 451, Grand Trunk Road	9 Ditto 7 Ditto	7,580 8,895		*289 4 0 333 9 0	21 9 0 28 4 0 333 9 0	12th 14th March 10th January	• Rupees 5
10	Oanges Jute Manufacturing Company, Limited.	449, Ditto	2 Ditto	2,677		100 6 3	100 6 3	21st February ,.	on accou
11	Silipur Jute Manufacturing Company, Limited.	396, Ditto	4 Ditto	3,300		123 12 0	123 12 0	25th January	mutation
12	Ditto ditto	29-2, Rajnsrein Rai Chaudhuri's Ghat Road	2 Ditto	2,400		90 0 0	90 0 0	25th ,, ,	and the second
3	Messrs. Ahmuty and Com-	38, Shalimar Road	2 Ditto	1,000		37 8 0	37 8 0	23rd " "	Contractor
15	Gopal Chandra Mal ik Messrs, Bi sendayal Hardayal. Agents for Salkia Pressing Company, Limited.	39. College Road 67, Old Ghusari Road	1 Warehouse 4 Warehouses	9,300	===	6 12 0 348 12 0	6 12 0 348 12 0	24th 18th August 1898.	

Register No.	Name of owner or occupies or both.	Locality.	Number of withouses.	are- Ann valuatio	ua- realis	fees sed the	Amour fees res for the 1889-	alised year	Totals of f	mount ees,	Date of pa	ıyment	REMARKS.
1	3	3	•		5 6	1	7			8	9	_	10
	Jute-concld.	0101 10		Rs	Rs. A	. P.	Rs.	P	Pe	1			1
	Shyama Charan Kundu Hari Charan and Lari Chand Khetri, &c.		1 Warehouse 8 Warehouse	2 1	44			6 3			20th June	189	
8	Shyama Charan Kundu Moni Lal Datta, Indr Narain Pal and Lakhm Narain Pal, Executors of the Estate of late Ra	i Lane, North		80	00	1	30 11	0 0	30	0 0 5	20th June 16th January	189	
1	the Estate of late Ra Chantamani Day Bahadur. The General Traffic Manager	25, Howrah Ghat	1 Warehouse	1									
1	East Indian Railway. Ditto ditto Mohan Lal and Kissen Lal	29, Donson Road	1 Ditto	1.00	23 - 1 Control		45 (100		-	3rd February	**	
1	India Jute Press of	1000	12 Warehouses	4,50			37 8	0	37	- 1	3rd ,,		
1	Raja Sew Box Bagla, Hurdut Roy Chamaria and Phool Chand.	13, Ditto	1 Warehouse.	12	0		•9 8	0	9	8 0	••••		Rupees 5 of the amount has
1	Neharmal Bhanirsm	17, Ditto	1 Ditto			1		1					on account
M	lessrs W H Hauten		1 Ditto	360		0	22 8		13 8	0			Closed. † Closed. Realise
M	Company. Jeharmal Bhaniram Jonmohini Dasi	21, Ditto	1 Ditto	. 144	1	2			22 8	0 14	th January	1899,	on 28th Jun 1898, Closed,
M	lessrs Gillanders, Arbuthnot	5, Bose Bagan Lune 35, Old Ghusan Road	1 Ditto	0.00			5 6 36 0		5 6 36 0	3 13	th May	1898.	Closed,
M	urdoyal and Bissendoyal ones Das Jairam essrs. W. Moran and Com- pany, owners; Messrs. Gil- anders, Arouthnot and	35, Ditto 171, Ditto 42, Howrah Road	2 Warehouses 1 Warehouse 1 Ditto				42 12	0	42 12 22 8 57 12	0 318	nd September st January th July nd September	1899.	and complete
M	essrs Margue Kach	Old Ghusari Road		450	1 200								A STATE OF THE STA
M	Company. essrs. Howarth and Com-	Ditto		300			11 4		11 4	- 1	h November	,,	An entire and
						-	7 8	0	7 8	0 17t	h ,,	**	
	Cotton.			83,132	†13 8 0	2,	862 4	6 2	,875 12	6			
Gh	하는 사람들이 가는 그래요?	97, Old Ghusari	Warehouse	-						1			
The	e Ramdyal Cotton Mills	Road.	Warehouses	2,280		1	50 0		50 0 57 0			1898,	
ch	and, occupiers.	150 100		2,000			50 0		50 0	0 13th	November May	"	
H	ardyal Sureka, occupier.	156, Ditto 3 34, Ditto 2		4,148 420	*****		03 11 (103 11	0 30th	November September	,,	
ON	vner; Bihari Lal Marwari,	69, Ditto 4	Ditto	660		1.40	16 8 (16 8		December	,,	
Mel	har Ali Aladin Lakodar,	22, Ditto											
ew Cl	nes Das Jairam	is, Ditto 1	Warehouse Ditto	600 360	‡14 8 0		15 0 0 9 8 0			0 16th 0 15th	July August	1898.	Vacant.
Sad	hu Ram Ramji Das 1	SE. Intto	Warehouses Warehouse	144 480			3 9 9		3 9	9 20th	June	"	‡ Realised on 6th August 1898, and Rs. 5 of the
Bh	aprotab Diraj, owner; 13	0. Gurgola Lane 8	Warehouses Warehouse	360 300 840			9 0 0 7 8 0			20th 29th 20th	November June	"	been credited
Ku	hmamoyee Debi, Akhaya 18		Warehouses	8,000		7	5 0 0		75 0 0	4th		900	mutation fee.
une	dani Diki	4, Howrah Road 10 7, Harraganj Road 1	Ditto Warehouse	2,850		7		2	71 4 0	14th	December 1	899,	
	read-t cu	4, Howrah Road 2 1	Warehouses	500			7 8 0	100	7 8 0	24th	January 1	897.	
vio	marwari, occu-	4, Harraganj Road 1 V	Warehouse	240			8 0 0	S 35.6	600	1		898.	
Har	embar Snaw, owner; 16		Ditto		†								
nal	ombar Shaw, owner; 160 rdyal, occupier. Opal Pal, owner; Guzar- Marwari, occupier. dyal Sadkhan, owner; 43		Ditto	120		3	1 X 1944		3 0 0	24th J	anuary 18	899. V	acant.
		, Howrah Road 3 V	Varehouses	240									
Ioh	nan Lai and Kissen Lai, ipier, iyal Sureka, owner; ian Lai and Kissen Lai, ipier,	, Ditto 1 W	Varehouse	240									
agu	yal Sureka, owner; Kha- nal and Guzarmal, oc-	. Ditto 1	Ditto	240	\$600	6	0 0	19	2 0 0	24+} Y			
ha	a Nath Banerjya, owner; ragmal and Guzarmal, pier.	, Haraganj Road 1	Ditto							- and J	anuary 18		Realised on 25th July 1898.
ass	Ram and Baldeb	Old Ghusari Road 1 2 W	Ditto	96		2	3 3 6 3	1 2		24th Ja 3rd D	anuary 180 ecember 180	99.	
zru	m Chand Marwari 172, ag Lal and Mungal Lal 7,		Varehouse Ditto	72			12 9	1	12 9				
har	Lal and Kissen Lal 55,	Howr h Road 1	Ditto Ditto	60 60 480			8 0	1		24th Ja 20th Ja 3rd D	une 18	8.	
	Box and Company 1-1,	Bhote Bagan Lane	Ditto	600		15	0 0	J. 1344			cember, 189		cant.
5.3			23	3,038	20 8 0	541	7 0	561	15 0		,	1	

APPENDIX C.

Statement of Fires during 1898-99.

, T	2		3		. 5	6	
No.	Date.		Locality.	Duration of fire.	Approxi- mate value of property destroyed.		
1 2 3 4	17th April 16th May 27th August 29th October 10th November	= =	Banyearpara Peekhanna E. I. R. Carriage works Old Ghusari Road, "Empress of India Press" Ghusari, "Calcutta Cotton Mill"	19 hours 55 minutes	Rs. 500 60 500 1,60,000 2,00,000	Five stacks of straw. One golputa hut. koof of two wagons. Five pucka godowns containing jute. Machinery and cotton.	
6 7	6th December 14th "	= ::	Grand Trunk Road Joya Bibi's Lane, "Guzdar's Jute Press"	8 ,, 80 ,, 25 ,, 30 ,,	2,00,000	Fourteen small tiled huts. One two-storied godown containing inte.	
. 8 9	22nd .,	*	Hooghly Docks, S.S. Puri Sibpur, "Ganges Jute Mill"	3 ,, 30 ,, 2 ,, 50 ,	2,000 80,000	Officers' cabins and part of ship's stores. A pucka building containing gunny bags and machinery.	
10 11 12	9th February 15th March 16th ,,	: :	Bantra Sibpur	2 ,, 30 ,, 2 ,, 45 ,, 1 hour 45 ,,	100	Four large golputta huts. Two golputta huts. Portions of three small golputta huts.	

N.B.—In addition to these fires, four other petty fires occurred. The fire-brigade attended two of these fires, and the remaining two were extinguished by the residents of the locality.

CALCUTTA,

The 4th May 1899.

F. J. HALLIDAY,

Offg. Deputy Commissioner of Police.

WEATHER AND CROP REPORT.

For the week ending the 21st August 1899.

Bardwan.—Rainfall at Sadar 1.55, Kalna 2.86, Katwa 1.27, Raniganj 1.91. Weather seasonable. Transplantation of aman paddy is over. Standing crops doing well. Fodder and water sufficient. Cattle-disease in Katwa decreasing. Common rice selling as follows:—

	4.4		Srs.	
Sadar	•••		 18	per rupee.
Kalna	•••	•••	 151	
Katwa			 153	per rupee.
Raniganj	•••	•••	 151	

Birbhum.—Rainfall at Sadar 1.70, Rampur Hât 1.21. Weather hot. More rain needed Rice sells at Sadar and Rampur Hât 15 seers per rupee. Fodder sufficient.

Bankura.—Rainfall at Bankura 1 39, Vishnupur 1 72. Weather sultry with occasional showers. Weeding operations going on. Prospects of crops excellent at present. Fodder and water sufficient. No cattle-disease reported. Rice selling at Bankura 17 seers and at Vishnupur 17 seers per rupee.

Midnapore.—Rainfall at Sadar 1·10, Contai 1·43, Tamluk 3·87, Ghatal 4·61. Prospects of sugarcane, jute, flax and aus paddy favourable. Transplantation of winter paddy going on; prospects good except at Sabong and Tamluk. Grass-hoppers reported from some places in than Midnapore, and cattle-disease from Salboni. Common rice sells as follows:—

			Srs.	CH.	
Sadar			 16	0	\
Contai	•••		 16	0	
Tamluk	•••	•••	 14	31	per rupee.
Ghatal	•••	•••	 17	0)

Hooghly.—Rainfall at Sadar 2.27, Serampore 2.5, Jahanabad 2.19. Transplantation of aman paddy continues. State of jute and sugercane not good in places. Slight damage to aman reported on low lands in Khanakul and Pursura in the Jehanabad subdivision. Common rice selling at 14 seers per rupee.

Howrah.—Rainfall at Sadar 2.22, Ulubaria 2.97. Weather hot and cloudy with occasional showers. Transplantation of aman progressing briskly. Prospects hopeful. Fodder and water sufficient. Condition of cattle good. Common rice sells at 13½ seers per rupee.

24-Parganas.—Rainfall at Sadar 1.29, Barasat 1.04, Basirhat 5.15, Diamond Harbour 5.75. Weather hot and cloudy with occasional rain. Prospects of the winter rice crop in the Diamond Harbour subdivision have decidedly improved; at Barasat prospects of transplanted aman are fair; at Basirhat prospects are good on high lands; at Sadar prospects are not favourable. Transplantation of aman going on briskly. Aus being harvested. Cattle-disease reported from than Hasnabad in the Barasat subdivision. Fodder and water sufficient. Common rice sells as follows:—

_			ors.	
Sadar	•••	 12	to 16	1
Barasat	•••	 	15	
Basirhat		 •••	16	per rupee.
Diamond Har	bour	 	134)

Nadia.—Rainfall at Sadar 1.98, Kushtia 4.22, Meherpur 3.78, Chuadanga 3.58, Ranaghat 2.52. Weather seasonable. Harvesting of aus and steeping of jute going on. Prospects of standing crops good. Fodder and water sufficient. Common rice sells as follows:—

					Srs.	
Sadar					15)
Kushtia	1	***	•••		14	
Meherpur			•••	***	141	per rupee.
Chuadanga		•••	•••	***	15	
Ranaghat		•••			14	3

Murshidabad.—Rainfall at Sadar 3.74, Jangipur 5.89, Kandi 1.22. Weather cloudy and hot. Transplantation of aman nearly finished. Harvesting of bhadoi still going on. Indigo and jute being cut. Mulberry doing well. Paddy in some places in the Sadar subdivision is under water on account of excessive rain and floods. No cattle disease. Fodder insufficient in Daulatabad police-station. Common rice sells at Sadar 14 seers, Jangipur 15 seers, and Kandi 17 seers per rupee.

Jessore.—Rainfall at Sadar 5.71, Jhenida 3.13, Magura 3.48, Narail 6.70, Bangaon 1.04. Weather cloudy, rainy and damp. Harvesting of aus paddy going on. Prospects of crops tolerably good. Insects still appear in the Narail subdivision. Rivers are rising. No cattle-disease reported. Fodder and water sufficient. Common rice sells as follows:—

				Brs.	
Sadar				16)
Jhenida	U.S.		•••	16	
Magura			•••	183	per rupee.
Narail		•••	•••	15	
Bangaon	•••		•••	17 .)

Khulna.—Rainfall at Sadar 4.91, Bagirhat 7.09, Satkhira 2.63. Weather variable. Transplantation of aman going on. Harvesting of aus commenced. Insects still damaging paddy in some parts. Cattle-disease reported from Rampal. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar				161	per rupee.
Bagirhat Satkhira	•••	***	•••	17	per rupee.
Satkhira	***		***	14)

Rajshahi.—Rainfall at Sadar 3:36, Nator 6:44, Naugaon 10:2. Prospects of crops fair. Steeping of jute and transplantation of aman going on. No cattle-disease. Fodder and water ample. Common rice sells at 17 seers per rupee.

Dinajpur.—Rainfall at Sadar 18:21, average 11:35. Weather still unsettled. Standing crops on low lands suffering from excess of water. No cattle-disease. Fodder and water sufficient. Rice selling at 17 seers per rupee.

Jalpaiguri.—Rainfall at Sadar 9.94, Alipur Duars 6.71. Weather seasonable. Harvesting of *bhadoi* paddy and transplantation of *haimanti* paddy still going on. Prospects favourable. Cutting and steeping of jute going on. Fodder and water ample. Common rice sells at 14 seers per rupee.

Darjeeling.—Rainfall at Darjeeling 6.92, Kalimpong 3.94, Siliguri 11.46. Weather seasonable. Hills—Kalai and phaphar being sown; Bhutta, chota and bara marua, bhadoi and haimanti paddy progessing. Terai—Bhadoi paddy, jute and sugarcane doing well; haimanti paddy being transplanted; jamira being cut and threshed. Coarse rice sells as follows:—

					DIR.	
Hills		•••			10	} per rupee.
Terai	- 403 54)		•••	•••	15	} Por rupeo.

Bhutta sells at Darjeeling 25 seers and at Kalimpong 40 seers per rupee.

Rangpur.—Rainfall at Sadar 11.65, Gaibanda 9.99, Kurigram 13.51, Nilphamari 8.99. Weather very rainy. Sowing of winter rice and steeping of jute going on. Prospects good. Common rice selling at 17 seers 14 chitaks per rupee. Fodder and water sufficient. Cattle-disease prevailing in some villages in thana Jaldhaka.

Bogra.—Average rainfall 8.85. Aus being harvested. Cutting of jute and transplantation of aman still going on. Prospects good. Folder and water sufficient. Common rice sells at 17 seers per rupee.

Pabna.—Rainfall at Sadar 3.82, Sirajganj 9.22. Weather cloudy and rainy. Prospects of standing crops good. Aus being still harvested. Common rice sells at 15 seers 15 chitaks per rupee. Rivers rising again.

Dacca.—Rainfall at Sadar 12.08, Manikganj 9.98, Munshiganj 4.42, Narainganj 8.50. Weather seasonable. Prospects of standing crops good. Fodder available. No cattle-disease. Common rice 18 seers per rupee.

Mymensingh.—Rainfall at Sadar 3.01, Netrokona 6.04, Jamalpur 6.52, Tangail 2.37, Kishorganj 6.58. Weather seasonable. Prospects of crops good. Condition of people and cattle good. Fodder and water ample. Common rice sells as follows:—

			ors.	
Sadar		•••	20	
Jamalpur			18	1
Tangail	College College		17½ >per rup	ee.
Kishorganj	A CARLO MENT AND A LANGUAGE	•••	19	
Netrokona		***	22-10]	

Faridpur.—Rainfall at Sadar 7.31, Goalundo 4.76, Madaripur 4.09. Weather seasonable. State and prospects of crops fair. Common rice selling at 17 seers per rupee.

Backergunge.—Rainfall at Sadar 5.59. Weather seasonable. Prospects of crops fair, but pamari insects in places. Transplantation of aman has begun. Common rice sells at 16 seers (aman) and 20 seers (aus) per rupee.

Tippera.—Average rainfall 6.65. Weather seasonable. Jute cutting and steeping going on. Aus being harvested. Prospects of aman continue favourable. Common rice 20 seers per rupee.

Noakhali.—Prospects of crops fair. Transplantation of aman and harvesting of aus going on. Slight cattle-disease reported from Chagalnaya. Fodder and water sufficient. Common rice—aman 17½ seers and aus 20 seers per rupee.

Chittagong.—Rainfall 10.26. Weather seasonable. Reaping of aus continues. Transplanting of aman progressing. Prospects good. Common rice 15 seers per rupee. Water and fodder sufficient.

Patna.—Rainfall at Barh 13.56, Bikram 6.87, Dinapore 6.92, Hilsa 5.25, Bihar 7.26. The rain has done much damage to the standing bhadoi crops Transplantation of paddy continues. Condition of cattle fair. Green fodder and water for cattle plentiful. Common rice in Patna sells at 14 seers per rupee.

Gaya.—Rainfall at Sadar 4.77, Jahanabad 8.38, Nawada 4.32. Transplantation of paddy continues. Prospect of bhadoi not good. Common rice selling at 12½ seers per rupee.

Shahabad.—Rainfall at Sadar 6.60, Buxar 5.28, Bhabua 4.85. Transplantation of paddy progressing.

Saran.—Rainfall at Sadar 10.91, Siwan 10.39, Gopalganj 8.16. Weather generally cloudy. Excessive rain damaging the prospects of bhadoi crops seriously. Transplantation of paddy going on. Average price of common rice 13.3 seers and of makai 19.10 seers per rupee.

Champaran.—Rainfall at Motihari 6·10, Bettiah 8·18, Barharwa 8·04, Bagaha 8·19, Ramnagar 7·34. Bhadoi crops damaged by heavy rain, and no chance of a good outturn. Prospects of aghani good. Kodo and early rice being harvested. Price of common rice 13 seers and of maize 20 seers per rupee.

Muzaffarpur.—Rainfall at Sadar 11.78, Hajipur 9.57, Sitamarhi 5.94, Transplantation of rice crop still in progress. Low land paddy injured to some extent by the recent heavy rain. Prices are—Common rice 12 seers, wheat 15 seers, barley 20 seers, makai (new) 17 seers, gram 18 seers, rahar 20 seers, and marua (new) 20 seers per rupee.

Darbhanga.—Rainfall at Sadar 10.55, Samastipur 11.41, Madhubani 10.08. Weather cloudy and rainy. The heavy rain has been very detrimental. Transplantation of paddy is still in progress. Weeding of bhadn crops going on. Fodder and water sufficient. Cattle-disea e reported from a village in the Samastipur subdivision. Common rice selling at Sadar 12 seers per rupee.

Monghyr.—Rainfall at Monghyr 8.86, Begusarai 6.71, Jamui 5.90. Weather hot, cloudy and rainy. Transplantation of winter rice going on. Prospects of paddy and sugarcane good. Bhadoi seriously damaged. Common rice sells as follows:—

				Srs.	
Monghyr Begusarai Jamui	****	•••	•••	11)
Begusarai	•••		•••	12	per rupee.
Jamui	•••		•••	11)

Bhagalpur.—Weather hot and cloudy. Rainfall at Sadar 6.79, Banka 4.65, Madhipura 12.29, Supaul 9.09. The rain will benefit the aghani paddy. Transplantation drawing to a close. Bhadoi being reaped, outturn poor. Prices show a tendency to go up.

Purnea.—Rainfall at Sadar 16·17, Kishanganj 12·32, Araria 8·27. Weather seasonable. Harvesting of bhadoi paddy and jute going on briskly. Transplantation of aghani progressing. Condition of cattle good except at Kaliaganj, where cattle-disease, known as a dhodhopa, has broken out. Fodder and water sufficient. Common rice sells as follows:—

_ The Hallery of		r arrestation		Srs.	
Badar		•••	714 *	14	1
Kishanganj Araria	•••	•••		15	per rupee.
Araria			•••	16)

Malda.—Rainfall at Sadar 7.58, Gajol 7.87, Shibganj 7.08. Weather cloudy with occasional rain. Bhadoi paddy being reaped with good result. Transplanting of winter rice nearly finished. Cattle-disease reported from Manikchak. Price of coarse rice (bhadoi) 17 seers per rupee. Fodder for cattle sufficient.